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ECONOMIC PROJECTIONS FOR AIR QUALITY CONTROL REGIONS

A Report
to the

NATIONAL AIR POLLUTION CONTROL ADMINISTRATION
ENVIRONMENTAL HEALTH SERVICE

PUBLIC HEALTH SERVICE
DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by
the
U.S. DEPARTMENT OF COMMERCE
OFFICE OF BUSINESS ECONOMICS
REGIONAL ECONOMICS DIVISION

June 1970

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A basis is provided for estimating future pollutant emissions in the 55 Air Quality Control Regions. The nature of projections in general, and the measures used for these projections are first briefly discussed, then the projections themselves are presented. The method of generating the projections is described and the underlying assumptions are specified; a summary in nontechnical language is included as well as a detailed description.

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ECONOMIC PROJECTIONS

for

AIR QUALITY CONTROL REGIONS

ERRATA

The attached map is page 14 of the report.

The map between pages 28 and 29 may be removed.

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INTRODUCTION

Under the authority of the Clean Air Act, as amended, the National Air Pollution Control Administration (NAPCA) established a project entitled "Projected Growth Data for the Air Quality Control Regions." In support of that program, the Office of Business Economics (OBE) entered into an agreement in October 1969 with the NAPCA to provide economic projections for 55 proposed Air Quality Control Regions (AQCR's). These projections will provide a basis for estimating future pollutant emissions in Air Quality Control Regions.

The assumptions behind this projection program are: (1) Pollutant emissions are related to the amount of economic activity generated in an area and this relationship can be measured and projected; (2) economic activity in appropriate detail can be projected more confidently than can the pollutant emission quantities themselves; (3) the product of the projected relationships and economic activity yields an approximation of the pollutant emissions; and (4) a projection of the economy of each region in the appropriate industrial detail will yield an economic framework within which the impact of proposed pollution control measures on the economic future of the area can be calculated and evaluated.

The OBE economic projections for the Air Quality Control Regions are undergirded by a nationwide program of regional economic analysis and projections in which measures of economic activity have been constructed in both area and industrial detail and projections of these measures have been prepared for the Nation and its 173 economic areas. The economic areas were delineated by the Regional Economics Division (RED) of the OBE and are shown on the map on page 14. (See page 168 for a discussion of these areas) The AQCR projections presented in this report are derived from the economic area projections. Because of this, the projections made for the AQCR's have several major advantages. They take maximum advantage of a large amount of past work on projections. They are an integrated part of a system of national projections and therefore analyses drawn from these data will be consistent (other things being equal) with those made by other competing and complementary programs. Since it is intended that the national program be maintained and extended as necessary, the air pollution control program can share in this future work at minimum cost. Finally, it is anticipated that OBE's overall system of economic measurement and projection will be expanded so that it can serve other phases of economic and environmental development planning.

Section I of this report discusses briefly the nature of projections in general, the measures used for these projections, and presents the projections themselves. Section II describes how the projections were generated and specifies the underlying assumptions. Pages 151 to 153 of Section II tell in summary and nontechnical language how the projections were made. The remainder of the section describes the projections in more detail, and is designed mainly for those who wish to guage their appropriateness and reliability with respect to specific use.

SECTION I. THE PROJECTIONS

Nature of Projections

Projections are generally regarded as conditional forecasts of the future. They must be based on the past, for without the benefit of past experiences and observations it would be impossible to conceive of the nature of the future. Since it is not possible to foresee the future, projections are based on an extension of past relationships believed to have future relevance for the measure being projected. The reasoning that underlies the extension of past relationships comprises the assumptions which make the projection a conditional forecast. To the extent that the assumptions are incorrect and the errors are not offsetting in their effect on the overall aggregate, the projections will be in error. Also, to the extent that the projections reveal the imminence of a problem which is subsequently eliminated by policy actions stemming from the projected outlook, the projections will be in error. Errors of the latter type would be welcomed of course, and should be viewed as a measure of the usefulness of the projection program.

The use of the past to view the future requires the basic premise that relationships relevant to the future can be identified and measured. Without this premise the very possibility of projections is denied. A second premise necessary to the making of projections is that an order or pattern can be recognized among past events and translated into the future. [1] Thus, the essence of a projection procedure must be to study the past in order to construct an historical, empirical picture of the economy of each area and to trace its economic path over as long a period of time as the conditions which affected it appear to have relevance for the future.

From the foregoing, it follows that the first step in developing a projection procedure is to select measures which can be implemented statistically in two ways. First, it must be possible to assemble the measures in sufficient detail so that appropriate interrelationships among their components can be determined. Secondly, it must be possible to construct time series of the measures so that trends in the interrelationships can be determined. Past trends may be modified substantially in the projection process, but such modification if it is to be more than a guess or a gamble must be based on experience. For example, a strong historical growth trend projected for mineral production in a particular area may be terminated abruptly at some future point because of the expected depletion of the resource. The probability as well as the timing of this occurrence would have been determined in the projection process by dividing measured or estimated mineral supplies by the projected rate of production (or demand), with both numerator and denominator based on past observations. Another example of a reasoned and modified extension of past trends is afforded by the changing relationships of basic[2] and residentiary[3] industries in an area. An analysis of changes in the economy of an area may show an uptrend in the ratio of residentiary income to total income. Furthermore, this analysis may reveal that as a result of this observed trend the area has moved from a very unbalanced "colonial-type" economy to one that is approaching a position of equilibrium in respect to the residentiary-total income relationship. Ceteris paribus, a projection would terminate the uptrend in the relationship at the point in time when it was aniticipated that the area's residentiary-total ratio would be in line with that which usually characterized an area of the type under analysis.

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[1] See Simon Kuznets, "Concepts and Assumptions in Long-Term Projections of National Product," Studies in Income and Wealth, Vol. 16, National Bureau of Economic Research, 1954.

The specific assumptions underlying the projections in this report are set forth in Section II in connection with the descriptions of the methodology to which they apply. Certain assumptions, however, are applicable to the projections generally. These are:

The Government will implement the policies needed to maintain full employment under a free enterprise economy.

The projections are assumed to be free of the distorting effects of a major war at the several target dates. That is, although wars may occur within the time-span of the projections, it is obviously impossible to forecast the timing of such events. Instead, it is assumed that at the several target dates the distortions caused by such wars as may have occurred would have worked themselves out of the economic structure and that each regional economy would be on its secular trend line. To the extent that a war is in progress at a target date the projections would be expected to be in error by the differential regional effects of the war.

---

[2] Basic industries are those in which an area specializes in order to take advantage of lower production costs resulting from the availability of natural resources and from benefits to be derived from internal and external economies. These industries are also referred to as export industries as large amounts of their goods and services enter into inter-area trade.

[3] Residentiary industries are those which serve the households and other industries of the economic area. The goods and services producted by the residentiary industries usually enter only intraarea trade.

No attempt has been made to identify the specific details of the economy of the future. It is assumed that the impact of new products, new activities, new technologies, etc., which inevitably will come into being will be subsumed under the lables of today's economy.

It should be noted that the very fact that it was considered necessary to state a certain assumption implies the possibility that the assumed situation may not materialize.

It should also be noted that most often the purpose of a projection is to enable decision makers to appraise future economic conditions; identify developing or potential problem areas; and take such corrective action as appears warranted. This corrective action if successful will cause the actual situation at the future date to differ from that projected. The Air Quality Control Program for example, could have an effect on the degree to which the projections are achieved depending on its effect on interindustry and interregional relationships.

Economic Measures Used in Projections

Nationally, where an overall measure of the total economy is called for the measure used most often for both current economic analysis and as an indicator of the future is gross national product.[4] GNP can be extended directly into the future with greater reliability than the other major aggregates such as national income and personal income. Moreover, GNP has the added advantage of being an aggregate which when expressed in constant dollars constitutes a measure of the physical volume of production.[5] Because of conceptual difficulties, it is not possible to measure GNP on a geographic basis.

The Personal Income Measure

Accordingly, for regional economic analysis and projection, personal income is substituted for GNP. Personal income has a sharply defined regional dimension. It is the income received by persons and persons have a definable geographic location to which their income may be assigned. This location may be either the individual's place of work or place of residence. For nearly all persons in an air quality control region, the two places are identical.

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[4] Gross national product is the market value of the output of goods and services produced by the Nation's economy, before deduction of depreciation charges and other allowances for business and institutional consumption of durable capital goods. Other business products used up in the accounting period are excluded. The Nation's economy in this context refers to the labor and property supplied by residents of the Nation. Gross national product comprises the purchases of goods and services by consumers and government, gross private domestic investment (including change in business inventories), and net exports (exports less imports).

[5] Constant dollar estimates represent an effort to remove the effects of price changes from price series reported in dollar terms. In general, constant dollar series are derived by dividing current dollar estimates by appropriate price indexes. The result is a series as it would presumably exist if prices were the same throughout as in the base year - in other words, as if the dollar had constant purchasing power. Any changes in such a series would reflect only changes in the real (physical) volume of output. (From Department of Commerce Dictionary of Economic and Statistical Terms.)

Personal income is thus the major tool used in describing the economy of the AQCR's. It is the most comprehensive measure of economic activity that can be prepared on a geographic basis, and it provides an excellent yardstick for charting an area's growth.

Personal income is the current income received by residents of an area from all sources. It is measured before deduction of income and other direct personal taxes, but after deduction of individuals' contributions to social insurance programs. It covers the income received by residents of an area from business establishments, Federal and State and local governments, and all other sources. All forms of income to persons are included -- wages and salaries, various types of supplementary earnings termed "other labor income," the net incomes of owners of unincorporated business (including farms), net rental income, dividends, interest, and government and business "transfer payments" (consisting in general of disbursements to individuals for which no services are rendered currently, such as unemployment benefits, relief, and veterans' pensions).

The comprehensiveness of personal income is evident through comparison with population and employment. Unlike these latter measures, personal income reflects the average earnings (including productivity differences) of the labor force, returns on investment, and transfer payments. Personal income qualifies as a broad gauge of both economic activity and consumer purchasing power.

Total personal income and employment were measured for 1967 and earlier years and for purposes of this report were projected to 1970, 1975 and 1980 for each AQCR. On the basis of total income and employment, projections of population and per capita personal income were prepared. These items, with the exception of employment, are shown in the first section of the individual AQCR tables. Employment was measured and projected as an essential element in the projection procedure. It is not shown in the tables however, because income and earnings are better indicators of pollution.

Summary Measures

Income, population and per capita income describe in summary terms the quantitative and qualitative economic growth in each region. They can serve as indicators of future demand for products which yield air pollution while being consumed or utilized. Automobiles and heating fuels are examples of this type of product. Projected changes in population could be used to indicate the number of automobiles and the quantity of heating fuel expected to be purchased for personal (not business) consumption in the future. But, analysis of historical relationships show that auto purchases vary not only with population but also with changes in the level of per capita income and that purchases of heating oil are influenced strongly by changes in total personal income. The first section of each table provides economic measures useful in projecting future consumption of air-polluting products.

There are industries in each area which generate air pollution during their production process. Total output, and, hence, total pollution, in these industries may or may not be related to the population, income or employment of the area. If the production of the given industry is consumed locally, then summary measures of area population and income would likely prove satisfactory as projectors. Sand and gravel mining, local transportation, public utilities, and some types of printing and publishing are industries whose demand is determined by the population and income of an area. Because of this, future production in these industries, and future pollutant emissions, may be measured by future population and income.

Measures of Production

On the other hand, many air-polluting industries may show no relationship to local population or total income. These are basic industries whose products are produced in one area and exported to and consumed in other areas. Such industries are especially numerous in the U.S. economy for it is through such specialization that maximum efficiency, economy of scale, and the consequent high standard of living that characterizes the Nation are achieved. With respect to these export-type industries, there is no reason to expect a meaningful relationship (for prediction purposes) between population or income of the area and pollution produced by the industry. Instead, the desired relationship must be sought in some predictable measure of economic activity in the industry under consideration.

Cement, textiles, paper, petroleum, and machinery manufacturing constitute examples of the export-type of industry just described. It is quite possible for an area currently producing one or more of these export products to grow in population and income over a given period but show no growth, perhaps even a decline, in the industry under consideration. The area's growth would have stemmed from some other industry, of course. To take care of these situations, economic activity has been projected for each 36 separate industries.

The industry classification system used in designating industries is the Standard Industrial Classification (SIC) as set forth in The Standard Industrial Classification Manual, 1967, prepared by the Office of Statistical Standards, Bureau of the Budget, Executive Office of the President and is available from the Government Printing Office at $4.50 a copy. A list of the industries for which projections have been made, together with the SIC code and a brief description of each begins on page 20.

The measure chosen to reflect economic activity is called earnings of persons engaged in production (all persons working in the industry). It is shown in the lower portion of the regional tables. Earnings make up about 80 percent of personal income on an all-industry basis. Because employees generally share proportionately with capital in the productivity gains of an industry, earnings of employees tend to move up or down proportionately to total production. When the changes in the value of the dollar are eliminated by deflating earnings with the implicit deflator for personal consumption expenditures, the resulting series yields an approximate measure of output in real terms.

Two weaknesses may be noted in this conversion of earnings from current to constant dollars. First, the national implicit price deflator is used for each geographic area. Although deflators expressly constructed for individual areas would be preferable, such evidence as exists indicates that regional differences in the deflators are small.

More serious is the fact that the deflator used in converting earnings from current to constant dollars does no more than eliminate changes in the purchasing power of the dollar. It does not measure, at least not directly, changes in real output of the production process.

That this latter deficiency does not invalidate the measure as an indicator of output (and, hence, of pollution) is indicated by the fact that there is a high correlation between earnings expressed in dollars of constant purchasing power and gross product originating in constant dollars (an accepted measure of the physical volume of output) of the industries. In six industries -- generally those characterized by unusually great technological advance and rapid automation -- the correlation was low.

Special Adjustments

For these six industries, constant-dollar earnings were adjusted by the national relationship of real gross product originating to earnings of persons in constant dollars in the industry. Such adjustments were made for agriculture, coal mining, petroleum and natural gas mining, metallic mining, petroleum refining and railroad transportation, and are shown in the six tables on pages 145 to 150. It is suggested that these adjusted measures be used in lieu of earnings wherever a measure of physical output is called for.

The adjusted measures are shown in separate tables rather than substituted for the unadjusted measures in the basic tables so as to leave the latter in their complete form for which there may be other uses, i.e., as a framework for economic impact analysis.

Economic Measures for Air Quality Control Regions

The tables following present projected data for each of the 55 AQCR's. AQCR 25 - (Phoenix and Tucson) is presented in two parts -- one for Phoenix and one for Tucson -- because the two cities are centers of different economic areas.

Data for 1967 and for the projected years 1970, 1975 and 1980 include population, constant dollar personal income and constant dollar earnings by industry. In addition, the per capita personal income and per capita personal income relatives (U.S. = 100.0) are shown.

Indexes of earnings by industry (1967 = 100.0) are based on the constant dollar earnings. For most industries in each area the indexes can be used as a proxy for real output. The year 1967 is the most recent for which measured earnings data were available when the projections were prepared. Any year shown in the tables (1967, 1970, 1975 or 1980)can serve as the base year. To make the conversion from 1967 to another year, the index value shown for each year should be divided by the value for the year to be used as the base. For example, in AQCR, the indices for the food and kindred products industry are: 1967 = 100; 1970 = 108.8; 1975 = 130.8 and 1980 = 157.4. To convert the indices to a 1970 base, the index for each year should be divided by 108.8. The results are: 1967 = 91.9; 1970 = 100; 1975 = 120.2; 1980 = 144.7. Other recent years such as 1969 cannot be used as a base for the indices until earnings for those years are measured.

The tables include two for each Air Quality Control Region. Table 1 includes the absolute values for population, total personal income and earnings by industry. Some industry earnings have been deleted to avoid disclosure of confidential data. Some industry lines are missing because the industry does not exist in the area or is too small to project. Table 2 includes indices of earnings based on 1967 = 100. Indices of earnings are included for all the industry in the area large enough to be projected even though the absolute values had to be deleted from Table 1 to avoid disclosure. Table 3 includes adjusted indices as explained above for six industries.

ALPHABETICAL LISTING OF AIR QUALITY CONTROL REGIONS

NAME	AQCR NUMBER
Albuquerque	45
Anchorage	54
Atlanta	33
Baltimore	16
Beaumont-Port Arthur	42
Billings	51
Birmingham	29
Boise	50
Boston	08
Buffalo	13
Burlington	55
Charlotte	43
Chattanooga	32
Cheyenne	53
Chicago	03
Cincinnati	09
Cleveland	11
Dallas-Ft. Worth	27
Dayton	24
Denver	05
Detroit	15
El Paso	47
Fargo-Moorhead	49
Hartford	17
Honolulu	41
Houston	26
Indianapolis	18
Kansas City	14
Las Vegas	48
Lawrence-Lowell-Manchester	46
Los Angeles	06
Louisville	23
Memphis	34
Miami	38
Milwaukee	20
Minneapolis-St. Paul	19
New Orleans	37
New York	02
Oklahoma City	39
Omaha	40
Philadelphia	04
Portland, Maine	44
Portland, Oregon	35
Phoenix	25A
Pittsburgh	12
Providence	21
Salt Lake City	36
San Antonio	28
San Francisco	10
St. Louis	07
Seattle-Tacoma	22
Sioux Falls	52
Steubenville	31
Toledo	30
Tucson	25B
Washington	01

COUNTY COMPOSITIONS OF AIR QUALITY CONTROL REGIONS

AQCR 01 WASHINGTON, D.C.

Counties
- District of Columbia
- Montgomery, Md.
- Prince Georges, Md.
- Arlington & Alexandria, Va.
- Fairfax (Fairfax & Falls Church), Va.
- Loundon, Va.
- Prince William, Va.

AQCR 02 NEW YORK, N.Y.

Counties
- Nassau, N.Y.
- Rockland, N.Y.
- Suffolk, N.Y.
- Westchester, N.Y.
- New York City, N.Y.
- Essex, N.J.
- Morris, N.J.
- Union, N.J.
- Bergen, N.J.
- Passaic, N.J.
- Hudson, N.J.
- Fairfield, Conn.

AQCR 03 CHICAGO, ILLINOIS

Counties
- Cook, Ill.
- Du Page, Ill.
- Kane, Ill.
- Lake, Ill.
- McHenry, Ill.
- Will, Ill.
- Lake, Ind.
- Porter, Ind.

AQCR 04 PHILADELPHIA, PA.

Counties
- Burlington, N.J.
- Camden, N.J.
- Glouster, N.J.
- Bucks, Pa.
- Chester, Pa.
- Delaware, Pa.
- Montgomery, Pa.
- Philadelphia, Pa.
- Salem, N.J.
- New Castle, Del.
- Cecil, Md.
- Mercer, N.J.

AQCR 05 DENVER, COLORADO

Counties
- Adams, Colo.
- Arapahoe, Colo.
- Boulder, Colo.
- Denver, Colo.
- Jefferson, Colo.

AQCR 06 LOS ANGELES, CALIF.

Counties
- Los Angeles, Calif
- Riverside, Calif.
- San Bernardino, Calif.
- Ventura, Calif.
- Orange, Calif.

AQCR 07 ST. LOUIS, MO.

Counties
- Madison, Ill.
- St. Clair, Ill.
- Franklin, Mo.
- Jefferson, Mo.
- St. Charles, Mo.
- St. Louis, Mo.
- St. Louis Ind. City, Mo.

AQCR 08 BOSTON, MASS.

Counties
- Essex, Mass.
- Middlesex, Mass.
- Norfolk, Mass.
- Plymouth, Mass.
- Suffolk, Mass.

AQCR 09 CINCINNATI, OHIO

Counties
- Clermont, Ohio
- Hamilton, Ohio
- Warren, Ohio
- Dearborn, Indiana
- Boon, Kentucky
- Campbell, Kentucky
- Kenton, Kentucky
- Butler, Ohio

AQCR 10 SAN FRANCISCO, CALIF.

Counties
- Alameda, Calif.
- Contra Costa, Calif
- Marin, Calif.
- San Francisco, Calif.
- San Mateo, Calif.
- Santa Clara, Calif.

AQCR 11 CLEVELAND, OHIO

Counties
- Cuyahoga, Ohio
- Geauga, Ohio
- Lake, Ohio
- Medina, Ohio
- Portage, Ohio
- Summit, Ohio
- Stark, Ohio
- Lorain, Ohio

AQCR 12 PITTSBURGH, PA.

Counties
- Allegheny, Pa.
- Beaver, Pa.
- Washington, Pa.
- Westmoreland, Pa.

AQCR 13 BUFFALO , N.Y.

Counties
- Erie, New York
- Niagara, New York

AQCR 14 KANSAS CITY, MO.

Counties
- Cass, Mo.
- Clay, Mo.
- Jackson, Mo.
- Platte, Mo.
- Johnson, Kan.
- Wyandotte, Kan.

AQCR 15 DETROIT, MICH.

Counties

- Macomb, Mich.
- Oakland, Mich.
- Wayne, Mich.

AQCR 16 BALTIMORE , MD.

Counties
- Anne Arundel, Md.
- Baltimore, Md.
- Baltimore-Ind. City, Md.
- Carroll, Md.
- Harford, Md.
- Howard, Md.

AQCR 17 HARTFORD , CONN.

Counties
- Hartford, Conn.
- Hampden, Mass.
- Hampshire, Mass.
- New Haven, Conn.

AQCR 18 INDIANAPOLIS, IND.

Counties
- Boone, Ind.
- Hamilton, Ind.
- Hancock, Ind.
- Hendricks, Ind.
- Johnson, Ind.
- Marion, Ind.
- Morgan, Ind.
- Shelby, Ind.

AQCR 19 MINNEAPOLIS-ST. PAUL, MINN.

Counties
- Anoka, Minn.
- Dakota, Minn.
- Hennepin, Minn.
- Ramsey, Minn.
- Washington, Minn.

AQCR 20 MILWAUKEE, WISC.

Counties
- Milwaukee, Wisc.
- Ozaukee, Wisc.
- Washington, Wisc.
- Waukesha, Wisc.
- Racine, Wisc.
- Kenosha, Wisc.

AQCR 21 PROVIDENCE, R. ISLAND

Counties
- Bristol, R.I.
- Kent, R.I.
- Providence, R.I.
- Bristol, Mass.

AQCR 22 SEATTLE-TACOMA, WASH.

Counties
- King, Wash.
- Snohomish, Wash.
- Pierce, Wash.

AQCR 23 LOUISVILLE, KY.

Counties
- Clark, Ind.
- Floyd, Ind.
- Jefferson, Ky.

AQCR 24 DAYTON, OHIO

Counties
- Greene, Ohio
- Miami, Ohio
- Montgomery, Ohio
- Preble, Ohio

AQCR 25A PHOENIX, ARIZONA

Counties
- Maricopa, Ariz.

AQCR 25B TUCSON, ARIZONA

Counties
- Pima, Ariz.

AQCR 26 HOUSTON, TEXAS

Counties
- Brazoria, Texas
- Fort Bend, Texas
- Harris, Texas
- Liberty, Texas
- Montgomery, Texas
- Galveston, Texas

AQCR 27 DALLAS-FT. WORTH, TEX.

Counties
- Collin, Texas
- Dallas, Texas
- Denton, Texas
- Ellis, Texas
- Kaufman, Texas
- Rockwall, Texas
- Johnson, Texas
- Tarrent, Texas

AQCR 28 SAN ANTONIO, TEX.

Counties
- Bexar, Texas
- Guadalupe, Texas

AQCR 29 BIRMINGHAM, ALA.

Counties
- Jefferson, Ala.
- Shelby, Ala.
- Walker, Ala.

AQCR 30 TOLEDO, OHIO

Counties
- Monroe, Mich.
- Lucas, Ohio
- Wood, Ohio

AQCR 31 STEUBENVILLE, OHIO

Counties
  Jefferson, Ohio
  Brooke, W. Va.
  Hancock, W. Va.
  Belmont, Ohio
  Marshall, W. Va.
  Ohio, W. Va.

AQCR 32 CHATTANOOGA, TENN.

Counties
  Hamilton, Tenn.
  Walker, Ga.

AQCR 33 ATLANTA, GA.

Counties
  Clayton, Ga.
  Cobb, Ga.
  Gwinett, Ga.
  Dekalb & Fulton, Ga.

AQCR 34 MEMPHIS, TENN.

Counties
  Shelby, Tenn.
  Crittenden, Ark.

AQCR 35 PORTLAND, OREGON

Counties
  Clark, Wash.
  Clackamas, Oregon
  Multnomah, Oregon
  Washington, Oregon

AQCR 36 SALT LAKE CITY, UTAH

Counties
  Davis, Utah
  Salt Lake, Utah
  Weber, Utah
  Utah, Utah

AQCR 37 NEW ORLEANS, LA.

Counties
  Jefferson, La.
  Orleans, La.
  St. Bernard, La.
  St. Tammy, La.

AQCR 38 MIAMI, FLA.

Counties
  Dade, Fla.
  Broward, Fla.

AQCR 39 OKLAHOMA CITY, OKLA.

Counties
  Canadian, Okla.
  Cleveland, Okla.
  Oklahoma, Okla.

AQCR 40 OMAHA, NEBRASKA

Counties
  Pottawattamie, Iowa
  Douglas, Nebraska
  Sarpy, Nebraska

AQCR 41 HONOLULU, HAWAII

Counties
  Honolulu, Hawaii

AQCR 42 BEAUMONT-PORT ARTHUR, TEX.

Counties
  Jefferson, Texas
  Orange, Texas

AQCR 43 CHARLOTTE, N.C.

Counties
  Mecklenburg, N.C.
  Union, N.C.

AQCR 44 PORTLAND, MAINE

Counties
  Cumberland, Maine

AQCR 45 ALBUQUERQUE, N. MEXICO

Counties
  Bernalillo, N. Mexico

AQCR 46 LAWRENCE-LOWELL-MANCHESTER

Counties
  Hillsborough, N.H.

AQCR 47 EL PASO, TEXAS

Counties
  El Paso, Texas

AQCR 48 LAS VEGAS, NEV.

Counties
  Clark, Nevada

AQCR 49 FARGO-MOORHEAD

Counties
  Clay, Minn.
  Cass, N. Dakota

AQCR 50 BOISE, IDAHO

Counties
  Ada, Idaho

AQCR 51 BILLINGS, MONTANA

Counties
  Yellowstone, Montana

AQCR 52 SIOUX FALLS, IOWA

Counties
  Minnehaha, S. Dakota

AQCR 53 CHEYENNE, WYOMING

Counties
  Laramie, Wyo.

AQCR 54 ANCHORAGE, ALASKA

  Third Judicial District

AQCR 55 BURLINGTON, VERMONT

Counties
  Chittenden, Vermont

BRIEF INDUSTRIAL DESCRIPTIONS EXTRACTED FROM THE STANDARD INDUSTRIAL CLASSIFICATION MANUAL - PREPARED BY: THE OFFICE OF STATISTICAL STANDARDS, BUREAU OF THE BUDGET EXECUTIVE OFFICE OF THE PRESIDENT

SIC 01 - AGRICULTURAL PRODUCTION

This major group includes establishments (farms, ranches, dairies, greenhouses, nurseries, etc.) primarily engaged in the production of crops or plants, vines and trees (excluding forestry operations); and the keeping grazing, or feeding of livestock for animal products (including serums), for animals increase, or value increase.

SIC 07 - AGRICULTURAL SERVICES AND HUNTING AND TRAPPING

This major group includes establishments primarily engaged in performing agricultural, animal husbandry, and horticultural services on a fee or contract basis. Commercial hunting and trapping and the operation of game preserves are also included.

SIC 08 - FORESTRY

This major group includes establishments primarily engaged in the operation of timber tracts, forest nurseries, and related activities such as reforestation services and the gathering of gums, barks, balsam needles, maple sap, Spanish moss, and other forest products.

SIC 09 - FISHERIES

This major group includes establishments primarily engaged in commercial fishing; the operation of oyster farms and the tonging and dredging of oysters; the gathering of sponges, seaweed, etc; and the operation of fish hatcheries or fishing preserves.

SIC 10 - METAL MINING

This major group includes establishments primarily engaged in mining, developing mines, or exploring for metallic minerals (ores).

SIC 11 - ANTHRACITE MINING

This major group includes establishments primarily engaged in producing anthracite (hard coal). Included are mining operations, dredging operations, and preparation plants (also known as cleaning plants, breakers, and washeries) whether or not such plants are operated in conjunction with the mines served.

SIC 12 - BITUMINOUS COAL AND LIGNITE MINING

This major group includes establishments primarily engaged in producing bituminous coal or lignite. Included are mining operations and preparation plants (also known as cleaning plants and washeries) whether or not such plants are operated in conjunction with the mines served.

SIC 13 - CRUDE PETROLEUM AND NATURAL GAS

This major group includes establishments primarily engaged in: (1) producing crude petroleum and natural gas, (2) recovering oil from sands and oil shale, and (3) producing natural gasoline and cycle condensate. Types of activities included are exploration, drilling, oil and gas well operation and maintenance, the operation of natural gasoline and cycle plants, and the mining and extraction of oil from oil sands and oil shale. This major group also includes such basic activities as emulsion breaking and desilting of crude petroleum to render the oil marketable.

SIC 14 - MINING AND QUARRYING OF NONMETALLIC MINERALS, EXCEPT FUELS

This major group includes establishments primarily engaged in mining or quarrying, developing mines, or explorting for nonmetallic minerals, except fuels. Also included are certain well and brine operations, and primary preparation plants, such as those engaged in crushing, grinding, washing, or other concentration.

SIC 15-17 - CONTRACT CONSTRUCTION

This division includes establishments primarily engaged in contract construction. The term "construction" includes new work, additions, alterations, and repairs. Three broad types of contract construction activity are covered: namely, (1) building construction by general contractors, (2) other construction by general contractors, and (3) construction by special trade contractors.

SIC 19 - ORDNANCE AND ACCESSORIES

This major group includes establishments engaged in manufacturing artillery, small arms, and related equipment; ammunition; tanks and specialized tank parts; sighting and fire control equipment; and miscellaneous ordnance and accessories, not elsewhere classified.

SIC 20 - FOOD AND KINDRED PRODUCTS

This major group includes establishments manufacturing foods and beverages for human consumption, and certain related products, such as manufactured ice, chewing gum, vegetable and animal fats and oils, and prepared feeds for animals and fowls.

SIC 21 - TOBACCO MANUFACTURES

This major group includes establishments engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and snuff, and in stemming and redrying tobacco.

SIC 22 - TEXTILE MILL PRODUCTS

This major group includes establishments engaged in performing any of the following operations: (1) preparation of fiber and subsequent manufacturing of yarn, thread, bradis, twine, and cordage; (2) manufacturing broad woven fabric, narrow woven fabric, knit fabric, and carpets and rugs from yarn; (3) dyeing and finishing fiber, yarn, fabric, and knit apparel; (4) coating, waterproofing or otherwise treating fabric; (5) the integrated manufacture of knit apparel and other finished articles from yarn; and (6) the manufacture of felt goods, lace goods, bonded-fiber fabrics, and miscellaneous textiles.

SIC 23 - APPAREL AND OTHER FINISHED PRODUCTS MADE FROM FABRICS AND SIMILAR MATERIALS

This major group, known as the cutting-up and needle trades, includes establishments producing clothing and fabricating products by cutting and sewing purchased woven or knit textile fabrics and related materials such as leather, rubberized fabrics, plastics and furs.

SIC 24 - LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE

This major group includes logging camps engaged in cutting timber and pulpwood, merchant sawmills, lath mills, shingle mills, cooperage stock mills, planing mills, and plywood mills and veneer mills engaged in producing lumber and wood basic materials; and establishments engaged in manufacturing finished articles made entirely or mainly of wood or wood substitutes.

SIC 25 - FURNITURE AND FIXTURES

This major group includes establishments engaged in manufacturing household, office, public building, and restaurant furniture; and office and store fixtures.

SIC 26 - PAPER AND ALLIED PRODUCTS

This major group includes the manufacture of pulps from wood and other cellulose fibers, and rags; the manufacture of paper and paperboard; and the manufacture of paper and paperboard into converted products such as paper coated off the paper machine, paper bags, paper boxes, and envelopes.

SIC 27 - PRINTING, PUBLISHING, AND ALLIED INDUSTRIES

This major group includes establishments engaged in printing by one or more of the common processes, such as letterpress, lithography, gravure, or screen; and those establishments which perform services for the printing trade, such as bookbinding, typesetting, engraving, photoengraving, and electrotyping.

SIC 28 - CHEMICALS AND ALLIED PRODUCTS

This major group includes establishments producing basic chemicals, and establishments manufacturing products by predominantly chemical processes. Establishments classified in this major group manufacture three general classes of product: (1) basic chemicals such as acids, alkalies, salts, and organic chemicals; (2) chemical products to be used in further manufacture such as synthetic fibers, plastics materials, dry colors, and pigments; (3) finished chemical products to be used for ultimate consumption such as drugs, cosmetics, and soaps; or to be used as materials or supplies in other industries such as paints, fertilizers, and explosives.

SIC 29 - PETROLEUM REFINING AND RELATED INDUSTRIES

This major group includes establishments primarily engaged in petroleum refining, manufacturing paving and roofing materials, and compounding lubricating oils and greases from purchased materials.

SIC 30 - RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS

This major group includes establishments manufacturing from natural, synthetic, or reclaimed rubber, gutta percha, balata, or gutta siak, rubber products such as tires, rubber footwear, mechanical rubber goods, heels and soles, flooring, and rubber sundries. This group also includes establishments engaged in molding primary plastics for the trade, and manufacturing miscellaneous finished plastics products.

SIC 31 - LEATHER AND LEATHER PRODUCTS

This major group includes establishments engaged in tanning, currying, and finishing hides and skins, and establishments manufacturing finished leather and artificial leather products and some similar products made of other materials. Leather converters are also included.

SIC 32 - STONE, CLAY, GLASS, AND CONCRETE PRODUCTS

This major group includes establishments engaged in manufacturing flat glass and other glass products, cement, structural clay products, pottery, concrete and gypsum products, cut stone, abrasive and asbestos products, etc., from materials taken principally from the earth in the form of stone, clay, and sand.

SIC 33 - PRIMARY METAL INDUSTRIES

This major group includes establishments engaged in the smelting and refining of ferrous and nonferrous metals from ore, pig, or scrap; in the rolling, drawing, and alloying of ferrous and nonferrous metals; in the manufacture of castings, forgings, and other basic products of ferrous and nonferrous metals; and in the manufacture of nails, spikes, and insulated wire and cable. This major group also includes the production of coke.

SIC 34 - FABRICATED METAL PRODUCTS, EXCEPT ORDNANCE MACHINERY, AND TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in fabricating ferrous and nonferrous metal products such a metal cans, tinware, hand tools, cutlery, general hardware, nonelectric heating apparatus, fabricated structural metal products, metal stampings and a variety of metal and wire products not elsewhere classified.

SIC 35 - MACHINERY, EXCEPT ELECTRICAL

This major group includes establishments engaged in manufacturing machinery and equipment, other than electrical equipment (Major Group 36) and transportation equipment (Major Group 37).

SIC 36 - ELECTRICAL MACHINERY, EQUIPMENT, AND SUPPLIES

This major group includes establishments engaged in manufacturing machinery, apparatus, and supplies for the generation, storage, transmission, transformation, and utilization of electrical energy.

SIC 37 - TRANSPORTATION EQUIPMENT

This major group includes establishments engaged in manufacturing equipment for transportation of passengers and cargo by land, air, and water. Important products produced by establishments classified in this major group include motor vehicles, aircraft, ships, boats, railroad equipment, and miscellaneous transportation equipment such as motocycles, bicycles, and horse drawn vehicles.

SIC 38 - PROFESSIONAL, SCIENTIFIC, AND CONTROLLING INSTRUMENTS; PHOTOGRAPHIC AND OPTICAL GOODS: WATCHES AND CLOCKS

This major group includes establishments engaged in manufacturing mechnical measuring, engineering, laboratory, and scientific research instruments; optical instruments and lenses; surgical, medical, and dental instruments, equipment, and supplies; ophthalmic goods; photographic equipment and supplies; and watches and clocks.

SIC 39 - MISCELLANEOUS MANUFACTURING INDUSTRIES

This major group includes establishments primarily engaged in manufacturing products not classified in any other manufacturing major group. Industries in this group fall into the following categories: jewelry, silverware and plated ware; musical instruments; toys, sporting and athletic goods; pens, pencils, and other office and artists' materials; buttons, costume novelties, miscellaneous notions; brooms and brushes; morticians' goods; and other miscellaneous manufacturing industries.

SIC 40 - RAILROAD TRANSPORTATION

This major group includes companies furnishing transportation by line-haul railroad, and certain services allied to rail transportation, such as sleeping and dining car services, railway express, and switching and terminal companies. Railway companies serving a single municipality, contінguous municipalities, or a municipality and its suburban areas are classified in Major Group 41.

SIC 41 - LOCAL AND SUBURBAN TRANSIT AND INTERURBAN HIGHWAY PASSENGER TRANSPORTATION

This major group includes companies primarily engaged in furnishing local and suburban passenger transportation, such as companies providing passenger transportation within a single municipality, contiguous municipalities, or a municipality and its suburban areas by rail or trolley coach, either separately or in conjunction with motor bus lines, and companies engaged in furnishing transportation to local scenic features, including cable and cog railways.

SIC 42 - MOTOR FREIGHT TRANSPORTATION AND WAREHOUSING

This major group includes establishments furnishing local or long-distance trucking, transfer, and draying services, or engaged in the storage of farm products, furniture and other household goods, or commercial goods of any nature. The operation of terminal facilities for handling freight, with or without maintenance facilities, is also included.

SIC 44 - WATER TRANSPORTATION

This major group includes companies engaged in freight and passenger transportation on the open seas or inland waters, and companies furnishing such incidental services as lighterage, towing, and canal operation.

SIC 45 - TRANSPORTATION BY AIR

This major group includes companies engaged in furnishing domestic and foregin transportation by air and also those operating airports and flying fields and furnishing terminal services.

SIC 46 - PIPE LINE TRANSPORTATION

This major group includes companies primarily engaged in the pipe line transportation of petroleum and other commodities, except natural gas.

SIC 47 - TRANSPORTATION SERVICES

This major group includes companies furnishing services incidental to transportation, such as forwarding and packing services, arrangements of transportation, and the operation of stockyards.

SIC 48 - COMMUNICATION

This major group includes companies furnishing point-to-point communication services, whether by wire or radio, and whether intended to be received aurally or visually; and radio broadcasting and television. Services for the exchange or recording of messages are also included.

SIC 49 - ELECTRIC, GAS, AND SANITARY SERVICES

This major group includes companies engaged in the generation, transmission and/or distribution of electricity or gas or steam. Such companies and systems may be combinations of any of the above three services and also include other types of service such as transportation, communication, and refrigeration. Water and irrigation systems, and sanitary systems engaged in the collection and disposal of garbage, sewage, and other wastes by means of destroying or processing materials are also included.

SIC 50 - WHOLESALE TRADE

This Major Group includes establishments or places or business primarily engaged in selling merchandise to retailers; to industrial, commercial, institutional, or professional users; or to other wholesalers; or acting as agents in buying merchandise for or selling merchandise to such persons or companies. The chief functions of establishments included in wholesale trade are selling goods to trading establishments, or to industrial, commercial, institutional, and professional users; and bringing buyer and seller together.

SIC 52-59 - RETAIL TRADE

Retail Trade includes establishments engaged in selling merchandise for personal, household, or farm consumption, and rendering services incidental to the sale of the goods.

SIC 60-69 - FINANCE, INSURANCE, AND REAL ESTATE

This division comprises establishments operating primarily in the fields of finance, insurance, and real estate.

SIC 91-93 - GOVERNMENT

This division includes all Federal, State, local, and international government activities, such as the legislative, judicial, and administrative functions, as well as government owned and operated business enterprises.

INDUSTRY	STANDARD INDUSTRIAL CLASSIFICATION CODE
AGRICULTURE, FORESTRY & FISHERIES	
AGRICULTURE	01,02,07
FORESTRY & FISHERIES	08,09
MINING	
COAL MINING	11 & 12
CRUDE PETROLEUM & NATURAL GAS	13
MINING EXCL. FUELS	
METAL MINING	10
NONMETALLIC	14
CONTRACT CONSTRUCTION	15 - 17
MANUFACTURING	
FOOD & KINDRED PRODUCTS	20
TEXTILE MILL PRODUCTS	22
APPAREL & OTHER TEXTILES	23
PRINTING & PUBLISHING	27
CHEMICALS & ALLIED PRODUCTS	28
LUMBER & FURNITURE	24 - 25
MACHINERY, ALL	
MACHINERY, EXCL. ELECTRICAL	35
ELECTRICAL EQUIPMENT & SUPPLIES	36
TRANSPORTATION EQUIPMENT	
MOTOR VEHICLES & EQUIPMENT	371
TRANSPORTATION EQUIPMENT, EXCL.	37 except 371
OTHER MANUFACTURING	
PAPER & ALLIED PRODUCTS	26
PETROLEUM REFINING	29
PRIMARY METALS	33
FABRICATED METALS & ORDNANCE	34 & 19
MISCELLANEOUS MANUFACTURING	
STONE, CLAY AND GLASS	32
OTHER MISC. MANUFACTURING	21,30,31,35,38,39
TRANSPORTATION, COMM., & PUBL. UTIL.	
TRANSPORTATION	
RAILROAD TRANSPORTATION	40
TRUCKING & WAREHOUSING	42
OTHER TRANSPORTATION SERVICES	
LOCAL AND SURBURBAN TRANSP.	41
WATER TRANSPORTATION	44
AIR TRANSPORTATION	45
MISC. OTHER TRANSP. SERVICES	46,47
COMMUNICATIONS	48
UTILITIES (ELEC., GAS, SANITARY)	49
WHOLESALE & RETAIL TRADE	50,52-59
FINANCE, INSURANCE AND REAL ESTATE	60 - 69
SERVICES	70,72,73,75,76,78,79,80 81,82,84,86,88,89
TOTAL GOVERNMENT	
CIVILIAN GOVERNMENT	
FEDERAL GOVERNMENT	91
STATE AND LOCAL GOVERNMENT	92 & 93
ARMED FORCES	

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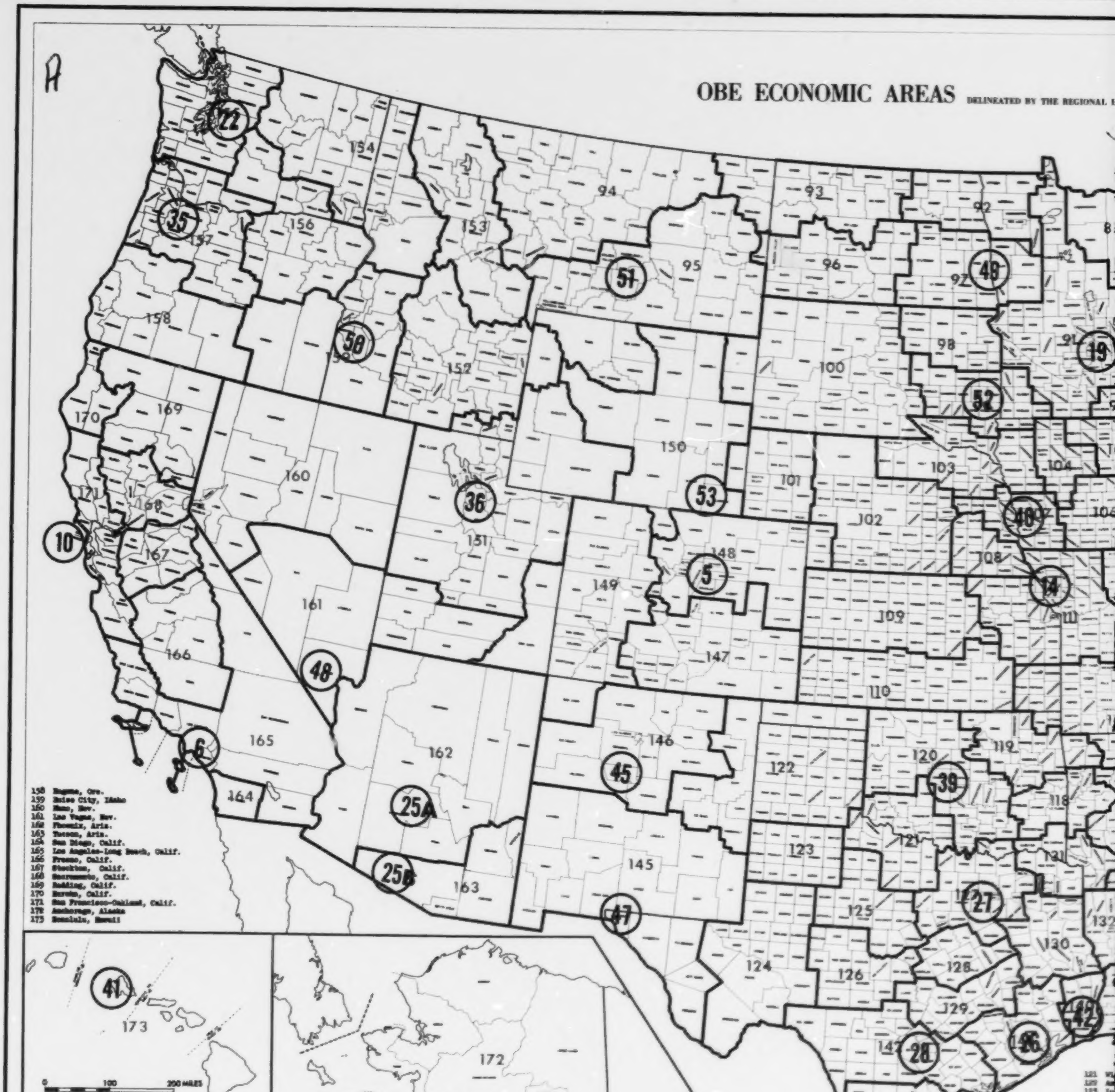
OBE ECONOMIC AREAS DELINEATED BY THE REGIONAL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159 Boise City, Idaho
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161 Las Vegas, Nev.
162 Phoenix, Ariz.
163 Tucson, Ariz.
164 San Diego, Calif.
165 Los Angeles-Long Beach, Calif.
166 Fresno, Calif.
167 Stockton, Calif.
168 Sacramento, Calif.
169 Redding, Calif.
170 Eureka, Calif.
171 San Francisco-Oakland, Calif.
172 Anchorage, Alaska
173 Honolulu, Hawaii

149 Grand Junction, Col.
150 Cheyenne, Wyo.
151 Salt Lake City, Utah
152 Idaho Falls, Idaho
153 Butte, Mont.
154 Spokane, Wash.
155 Seattle-Everett, Wash.
156 Yakima, Wash.
157 Portland, Ore.-Wash.

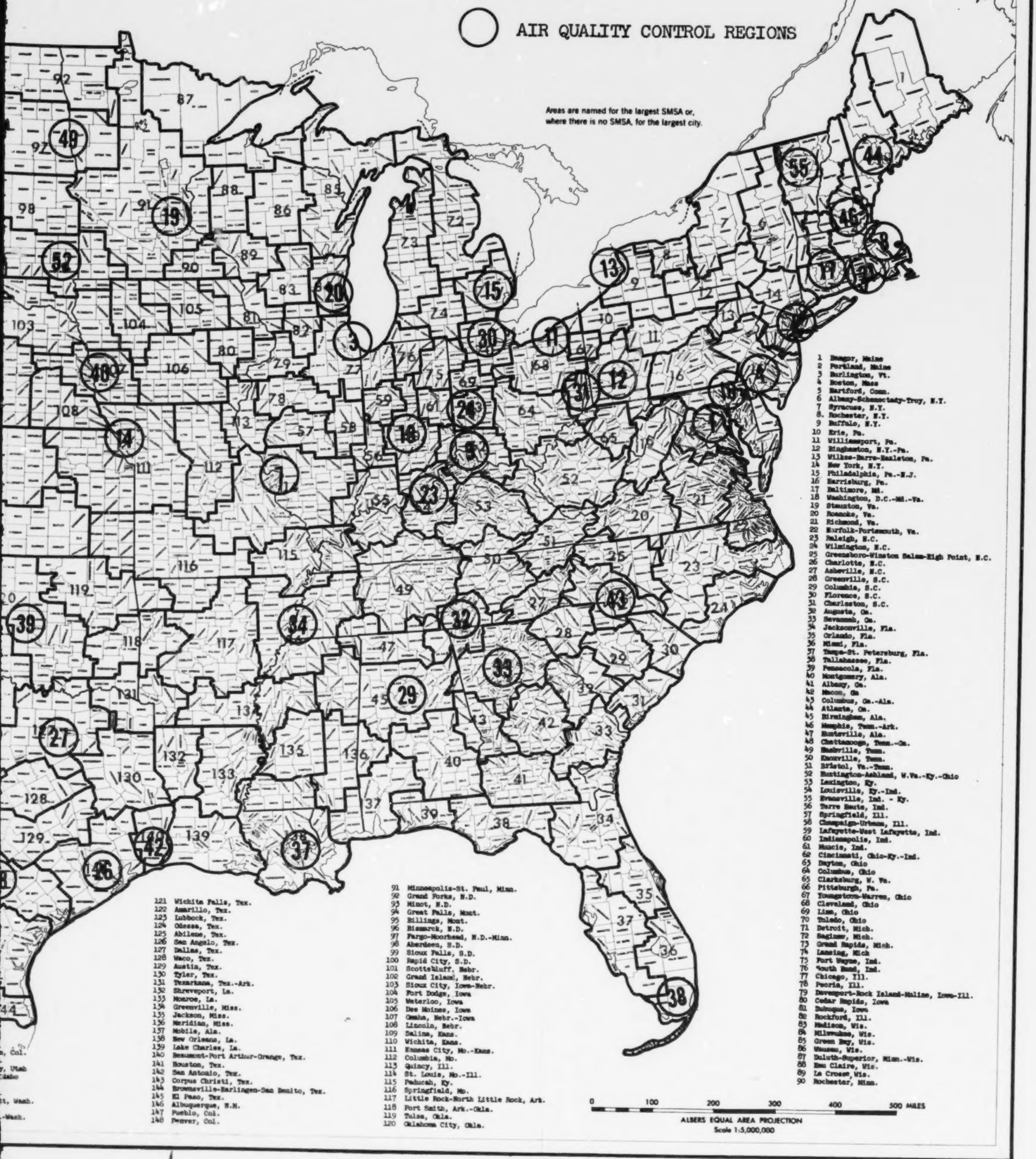
DEPARTMENT OF COMMERCE

B

Revised January 1969
Reprinted August, 1970, with county boundaries as of September 30, 1969.

EAS

DELINEATED BY THE REGIONAL ECONOMICS DIVISION OFFICE OF BUSINESS ECONOMICS U.S. DEPARTMENT OF COMMERCE



AIR QUALITY CONTROL REGIONS
Areas are named for the largest SMSA or, where there is no SMSA, for the largest city.
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1 Bangor, Maine
2 Portland, Maine
3 Burlington, Vt.
4 Boston, Mass
5 Hartford, Conn.
6 Albany-Schenectady-Troy, N.Y.
7 Syracuse, N.Y.
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9 Buffalo, N.Y.
10 Erie, Pa.
11 Williamsport, Pa.
12 Binghamton, N.Y.-Pa.
13 Wilkes-Barre-Hazleton, Pa.
14 New York, N.Y.
15 Philadelphia, Pa.-N.J.
16 Harrisburg, Pa.
17 Baltimore, Md.
18 Washington, D.C.-Md.-Va.
19 Staunton, Va.
20 Roanoke, Va.
21 Richmond, Va.
22 Norfolk-Portsmouth, Va.
23 Raleigh, N.C.
24 Wilmington, N.C.
25 Greensboro-Winston Salem-High Point, N.C.
26 Charlotte, N.C.
27 Asheville, N.C.
28 Greenville, S.C.
29 Columbia, S.C.
30 Florence, S.C.
31 Charleston, S.C.
32 Augusta, Ga.
33 Savannah, Ga.
34 Jacksonville, Fla.
35 Orlando, Fla.
36 Miami, Fla.
37 Tampa-St. Petersburg, Fla.
38 Tallahassee, Fla.
39 Pensacola, Fla.
40 Montgomery, Ala.
41 Albany, Ga.
42 Macon, Ga
43 Columbus, Ga.-Ala.
44 Atlanta, Ga.
45 Birmingham, Ala.
46 Memphis, Tenn.-Ark.
47 Huntsville, Ala.
48 Chattanooga, Tenn.-Ga.
49 Nashville, Tenn.
50 Knoxville, Tenn.
51 Bristol, Va.-Tenn.
52 Huntington-Ashland, W.Va.-Ky.-Ohio
53 Lexington, Ky.
54 Louisville, Ky.-Ind.
55 Evansville, Ind. - Ky.
56 Terre Haute, Ind.
57 Springfield, Ill.
58 Champaign-Urbana, Ill.
59 Lafayette-West Lafayette, Ind.
60 Indianapolis, Ind.
61 Muncie, Ind.
62 Cincinnati, Ohio-Ky.-Ind.
63 Dayton, Ohio
64 Columbus, Ohio
65 Clarksburg, W. Va.
66 Pittsburgh, Pa.
67 Youngstown-Warren, Ohio
68 Cleveland, Ohio
69 Lima, Ohio
70 Toledo, Ohio
71 Detroit, Mich.
72 Saginaw, Mich.
73 Grand Rapids, Mich.
74 Lansing, Mich
75 Fort Wayne, Ind.
76 South Bend, Ind.
77 Chicago, Ill.
78 Peoria, Ill.
79 Davenport-Rock Island-Moline, Iowa-Ill.
80 Cedar Rapids, Iowa
81 Dubuque, Iowa
82 Rockford, Ill.
83 Madison, Wis.
84 Milwaukee, Wis.
85 Green Bay, Wis.
86 Wausau, Wis.
87 Duluth-Superior, Minn.-Wis.
88 Eau Claire, Wis.
89 La Crosse, Wis.
90 Rochester, Minn.

91 Minneapolis-St. Paul, Minn.
92 Grand Forks, N.D.
93 Minot, N.D.
94 Great Falls, Mont.
95 Billings, Mont.
96 Bismarck, N.D.
97 Fargo-Moorhead, N.D.-Minn.
98 Aberdeen, S.D.
99 Sioux Falls, S.D.
100 Rapid City, S.D.
101 Scottsbluff, Nebr.
102 Grand Island, Nebr.
103 Sioux City, Iowa-Nebr.
104 Fort Dodge, Iowa
105 Waterloo, Iowa
106 Des Moines, Iowa
107 Omaha, Nebr.-Iowa
108 Lincoln, Nebr.
109 Salina, Kans.
110 Wichita, Kans.
111 Kansas City, Mo.-Kans.
112 Columbia, Mo.
113 Quincy, Ill.
114 St. Louis, Mo.-Ill.
115 Paducah, Ky.
116 Springfield, Mo.
117 Little Rock-North Little Rock, Ark.
118 Fort Smith, Ark.-Okla.
119 Tulsa, Okla.
120 Oklahoma City, Okla.

121 Wichita Falls, Tex.
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124 Odessa, Tex.
125 Abilene, Tex.
126 San Angelo, Tex.
127 Dallas, Tex.
128 Waco, Tex.
129 Austin, Tex.
130 Tyler, Tex.
131 Texarkana, Tex.-Ark.
132 Shreveport, La.
133 Monroe, La.
134 Greenville, Miss.
135 Jackson, Miss.
136 Meridian, Miss.
137 Mobile, Ala.
138 New Orleans, La.
139 Lake Charles, La.
140 Beaumont-Port Arthur-Orange, Tex.
141 Houston, Tex.
142 San Antonio, Tex.
143 Corpus Christi, Tex.
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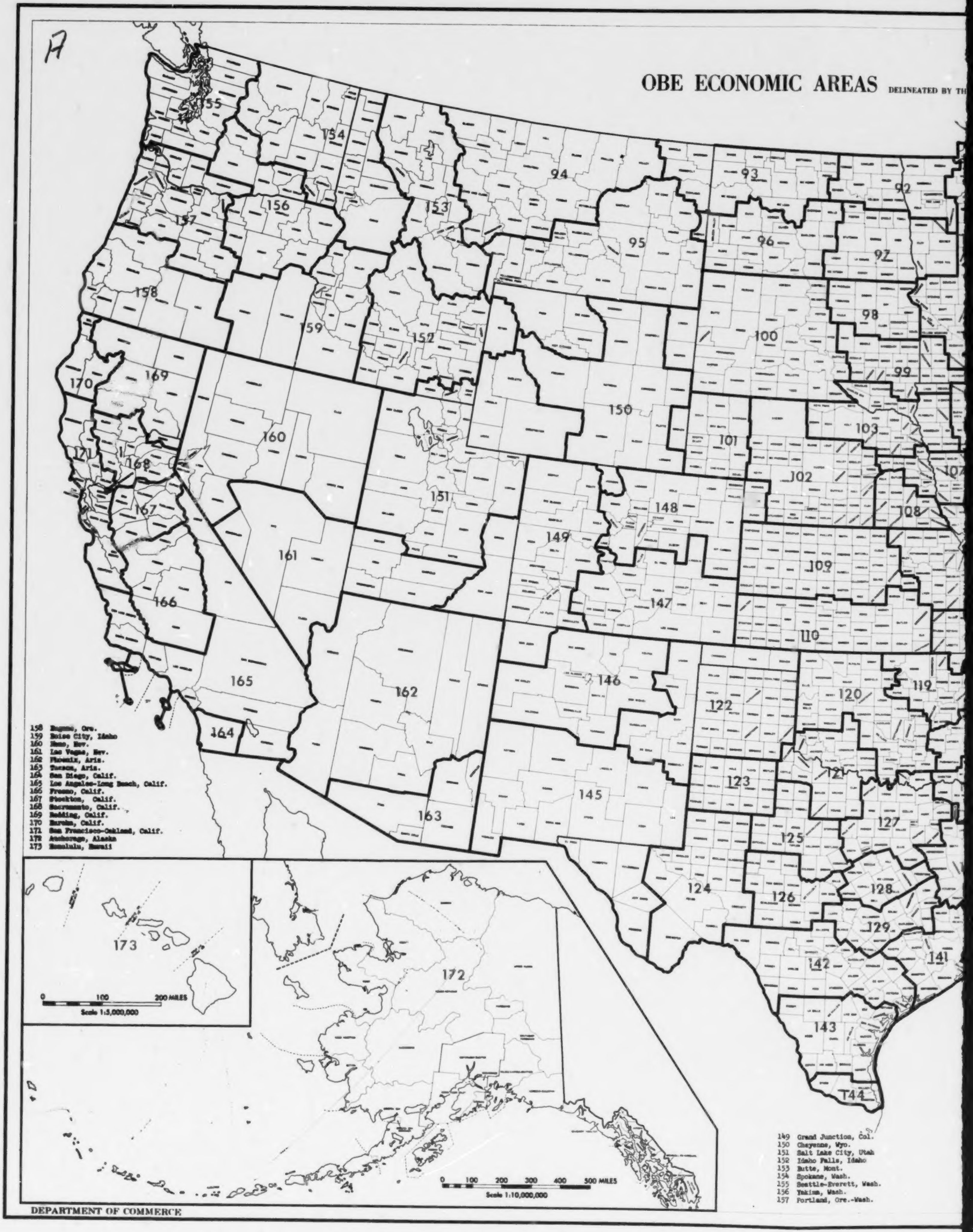

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156	Yakima, Wash.
157	Portland, Ore.-Wash.

DEPARTMENT OF COMMERCE

B

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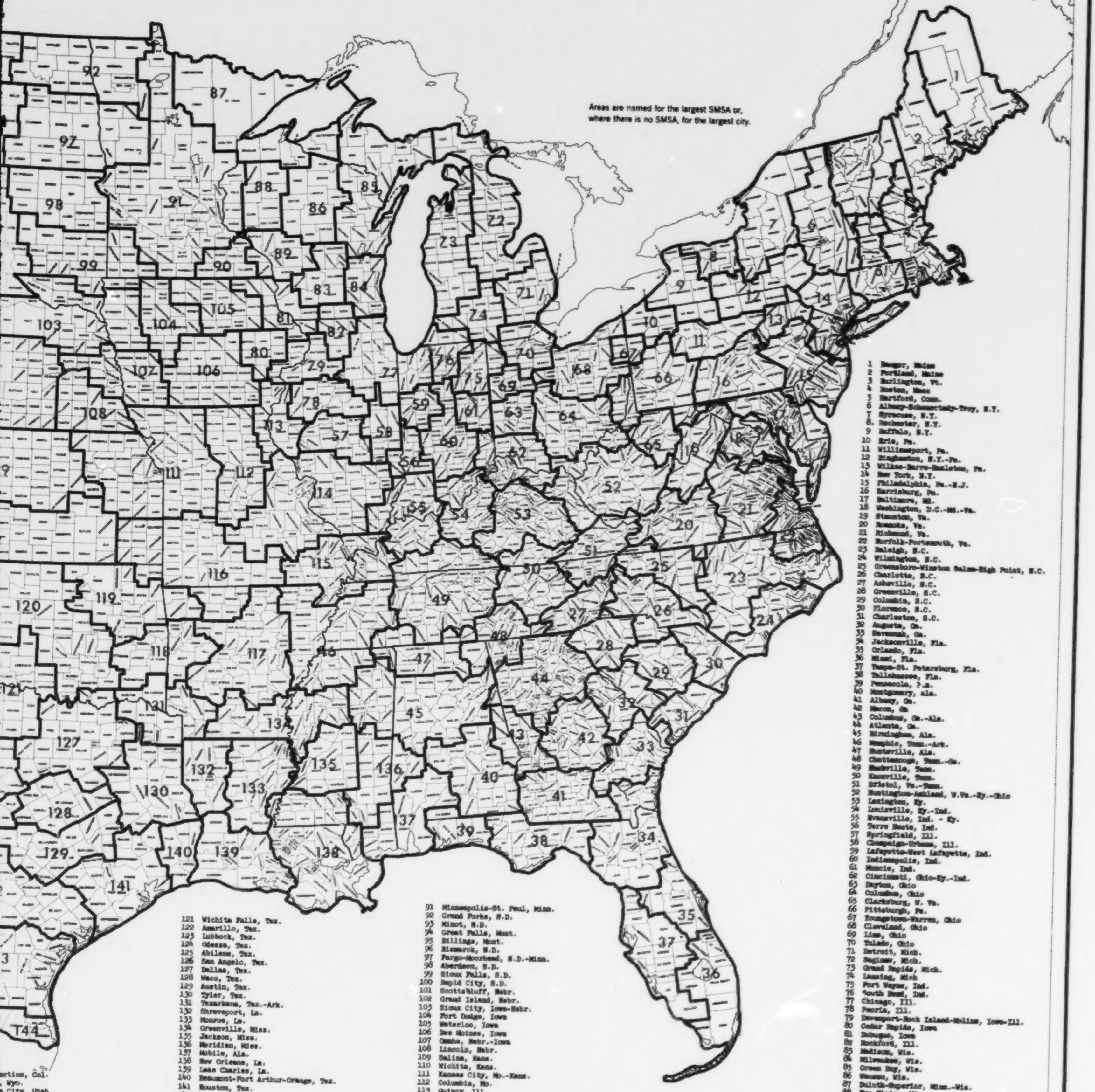

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7 Syracuse, N.Y.
8 Rochester, N.Y.
9 Buffalo, N.Y.
10 Erie, Pa.
11 Williamsport, Pa.
12 Binghamton, N.Y.-Pa.
13 Wilkes-Barre-Hazleton, Pa.
14 New York, N.Y.
15 Philadelphia, Pa.-N.J.
16 Harrisburg, Pa.
17 Baltimore, Md.
18 Washington, D.C.-Md.-Va.
19 Staunton, Va.
20 Roanoke, Va.
21 Richmond, Va.
22 Norfolk-Portsmouth, Va.
23 Raleigh, N.C.
24 Wilmington, N.C.
25 Greensboro-Winston Salem-High Point, N.C.
26 Charlotte, N.C.
27 Asheville, N.C.
28 Greenville, S.C.
29 Columbia, S.C.
30 Florence, S.C.
31 Charleston, S.C.
32 Augusta, Ga.
33 Savannah, Ga.
34 Jacksonville, Fla.
35 Orlando, Fla.
36 Miami, Fla.
37 Tampa-St. Petersburg, Fla.
38 Tallahassee, Fla.
39 Pensacola, Fla.
40 Montgomery, Ala.
41 Albany, Ga.
42 Macon, Ga
43 Columbus, Ga.-Ala.
44 Atlanta, Ga.
45 Birmingham, Ala.
46 Memphis, Tenn.-Ark.
47 Huntsville, Ala.
48 Chattanooga, Tenn.-Ga.
49 Nashville, Tenn.
50 Knoxville, Tenn.
51 Bristol, Va.-Tenn.
52 Huntington-Ashland, W.Va.-Ky.-Ohio
53 Lexington, Ky.
54 Louisville, Ky.-Ind.
55 Evansville, Ind. - Ky.
56 Terre Haute, Ind.
57 Springfield, Ill.
58 Champaign-Urbana, Ill.
59 Lafayette-West Lafayette, Ind.
60 Indianapolis, Ind.
61 Muncie, Ind.
62 Cincinnati, Ohio-Ky.-Ind.
63 Dayton, Ohio
64 Columbus, Ohio
65 Clarksburg, W. Va.
66 Pittsburgh, Pa.
67 Youngstown-Warren, Ohio
68 Cleveland, Ohio
69 Lima, Ohio
70 Toledo, Ohio
71 Detroit, Mich.
72 Saginaw, Mich.
73 Grand Rapids, Mich.
74 Lansing, Mich
75 Fort Wayne, Ind.
76 South Bend, Ind.
77 Chicago, Ill.
78 Peoria, Ill.
79 Davenport-Rock Island-Moline, Iowa-Ill.
80 Cedar Rapids, Iowa
81 Dubuque, Iowa
82 Rockford, Ill.
83 Madison, Wis.
84 Milwaukee, Wis.
85 Green Bay, Wis.
86 Wausau, Wis.
87 Duluth-Superior, Minn.-Wis.
88 Eau Claire, Wis.
89 La Crosse, Wis.
90 Rochester, Minn.

91 Minneapolis-St. Paul, Minn.
92 Grand Forks, N.D.
93 Minot, N.D.
94 Great Falls, Mont.
95 Billings, Mont.
96 Bismarck, N.D.
97 Fargo-Moorhead, N.D.-Minn.
98 Aberdeen, S.D.
99 Sioux Falls, S.D.
100 Rapid City, S.D.
101 Scottsbluff, Nebr.
102 Grand Island, Nebr.
103 Sioux City, Iowa-Nebr.
104 Fort Dodge, Iowa
105 Waterloo, Iowa
106 Des Moines, Iowa
107 Omaha, Nebr.-Iowa
108 Lincoln, Nebr.
109 Salina, Kans.
110 Wichita, Kans.
111 Kansas City, Mo.-Kans.
112 Columbia, Mo.
113 Quincy, Ill.
114 St. Louis, Mo.-Ill.
115 Paducah, Ky.
116 Springfield, Mo.
117 Little Rock-North Little Rock, Ark.
118 Fort Smith, Ark.-Okla.
119 Tulsa, Okla.
120 Oklahoma City, Okla.

121 Wichita Falls, Tex.
122 Amarillo, Tex.
123 Lubbock, Tex.
124 Odessa, Tex.
125 Abilene, Tex.
126 San Angelo, Tex.
127 Dallas, Tex.
128 Waco, Tex.
129 Austin, Tex.
130 Tyler, Tex.
131 Texarkana, Tex.-Ark.
132 Shreveport, La.
133 Monroe, La.
134 Greenville, Miss.
135 Jackson, Miss.
136 Meridian, Miss.
137 Mobile, Ala.
138 New Orleans, La.
139 Lake Charles, La.
140 Beaumont-Port Arthur-Orange, Tex.
141 Houston, Tex.
142 San Antonio, Tex.
143 Corpus Christi, Tex.
144 Brownsville-Harlingen-San Benito, Tex.
145 El Paso, Tex.
146 Albuquerque, N.M.
147 Pueblo, Col.
148 Denver, Col.

unction, Col.
, Wyo.
e City, Utah
lls, Idaho
Mont.
Wash.
-Everett, Wash.
Wash.
, Ore.-Wash.

0 100 200 300 400 500 MILES
ALBERS EQUAL AREA PROJECTION
Scale 1:5,000,000

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	197,849,000	204,820,000	219,021,446	234,208,000
TOTAL PERSONAL INCOME	546,864,730	629,046,000	783,303,783	975,373,000
TOTAL EARNINGS	440,561,730	503,237,000	621,661,366	770,545,000
PER CAPITA PERSONAL INCOME ($58)	2,764	3,071	3,576	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.00	1.00	1.00	1.00

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	440,561,730	503,237,000	621,661,366	770,545,000
AGRICULTURE,FORESTRY + FISHERIES	16,304,355	16,946,000	17,146,202	17,355,000
MINING	4,531,863	4,716,000	5,298,555	5,956,000
COAL MINING	974,782	951,000	1,055,283	1,171,000
CRUDE PETROLEUM + NAT.GAS	2,144,509	2,254,000	2,493,306	2,758,000
MINING EXCL. FUELS	1,412,572	1,511,000	1,749,966	2,027,000
METAL MINING	586,538	650,000	742,428	848,000
NONMETALLIC	826,034	861,000	1,007,538	1,179,000
CONTRACT CONSTRUCTION	26,382,272	29,861,000	36,528,346	44,684,000
MANUFACTURING	130,279,412	145,440,000	175,577,150	212,249,000
FOOD + KINDRED PRODUCTS	10,980,678	11,423,000	13,079,935	14,977,000
TEXTILE MILL PRODUCTS	4,613,425	4,942,000	5,705,549	6,587,000
APPAREL + OTHER TEXTILES	5,796,823	6,220,000	7,263,488	8,482,000
PRINTING + PUBLISHING	7,191,608	7,765,000	9,422,227	11,433,000
CHEMICALS + ALLIED PRODUCTS	7,918,577	9,199,000	11,356,942	14,021,000
LUMBER + FURNITURE	5,456,176	6,129,000	7,118,166	8,267,000
MACHINERY, ALL	28,456,680	31,471,000	39,484,660	49,584,000
MACHINERY,EXCL. ELECTRICAL	15,006,971	16,405,000	19,984,556	24,345,000
ELECTRICAL EQUIPMENT + SUPPLIES	13,449,709	15,066,000	19,500,104	25,239,000
TRANSPORTATION EQUIPMENT	16,138,711	19,612,000	23,599,417	28,398,000
MOTOR VEHICLES + EQUIPMENT	6,860,810	9,265,000	11,090,281	13,275,000
TRANSPORTATION EQUIPMENT,EXCL.	9,277,901	10,347,000	12,509,136	15,123,000
OTHER MANUFACTURING	43,726,734	48,679,000	58,546,766	70,500,000
PAPER + ALLIED PRODUCTS	4,767,434	5,113,000	6,235,380	7,604,000
PETROLEUM REFINING	1,603,555	2,154,000	2,467,682	2,827,000
PRIMARY METALS	10,111,405	11,016,000	12,479,275	14,137,000
FABRICATED METALS + ORDNANCE	12,068,317	13,336,000	16,506,592	20,431,000
MISCELLANEOUS MANUFACTURING	15,176,023	17,060,000	20,657,837	25,501,000
STONE, CLAY AND GLASS	4,168,854	4,606,200	5,526,358	6,630,260
OTHER MISC. MANUFACTURING	11,007,169	12,453,800	15,331,479	18,870,740
TRANSPORTATION,COMM.,+PUBLUTIL.	30,986,572	34,133,000	41,147,177	49,662,000
TRANSPORTATION	19,310,411	21,145,000	25,266,227	30,240,000
RAILROAD TRANSPORTATION	5,525,860	5,173,000	5,741,320	6,372,000
TRUCKING + WAREHOUSING	6,999,082	8,318,000	10,170,276	12,435,000
OTHER TRANSPORTATION SERVICES	6,785,469	7,654,000	9,354,631	11,433,000
LOCAL AND SUBURBAN TRANSP.	1,505,017	1,569,070	1,694,199	1,829,280
WATER TRANSPORTATION	1,828,005	1,913,500	2,143,414	2,400,930
AIR TRANSPORTATION	2,638,190	3,291,220	4,423,444	5,945,160
MISC. OTHER TRANSP. SERVICES	814,257	880,210	1,093,574	1,257,630
COMMUNICATIONS	6,609,390	7,327,000	9,072,259	11,233,000
UTILITIES (ELEC.,GAS,SANITARY)	5,066,771	5,661,000	6,808,691	8,189,000
WHOLESALE + RETAIL TRADE	73,447,013	83,527,000	104,146,574	129,855,000
FINANCE,INSURANCE AND REAL ESTATE	22,493,377	26,198,000	32,140,237	39,430,000
SERVICES	62,680,374	75,869,000	98,133,782	126,932,000
TOTAL GOVERNMENT	73,456,492	86,547,000	111,543,343	144,422,000
CIVILIAN GOVERNMENT	60,978,040	73,389,000	96,819,036	127,945,000
FEDERAL GOVERNMENT	19,045,434	22,477,000	27,811,207	34,411,000
STATE AND LOCAL GOVERNMENT	41,932,606	50,912,000	69,007,829	93,534,000
ARMED FORCES	12,478,452	13,158,000	14,724,307	16,477,000

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	197,849,000	204,820,000	219,021,446	234,208,000
TOTAL PERSONAL INCOME	546,864,730	629,046,000	783,303,783	975,373,000
TOTAL EARNINGS	440,561,730	503,237,000	621,661,366	770,545,000
PER CAPITA PERSONAL INCOME ($58)	2,764	3,071	3,576	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.00	1.00	1.00	1.00

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION		103.5	110.7	118.4
TOTAL PERSONAL INCOME		115.0	143.2	178.4
TOTAL EARNINGS		114.2	141.1	174.9
AGRICULTURE,FORESTRY + FISHERIES		103.9	105.2	106.4
MINING		104.1	116.9	131.4
COAL MINING		97.6	108.3	120.1
CRUDE PETROLEUM + NAT.GAS		105.1	116.3	128.6
MINING EXCL. FUELS		107.0	123.9	143.5
METAL MINING		110.8	126.6	144.6
NONMETALLIC		104.2	122.0	142.7
CONTRACT CONSTRUCTION		113.2	138.5	169.4
MANUFACTURING		111.6	134.8	162.9
FOOD + KINDRED PRODUCTS		104.0	119.1	136.4
TEXTILE MILL PRODUCTS		107.1	123.7	142.8
APPAREL + OTHER TEXTILES		107.3	125.3	146.3
PRINTING + PUBLISHING		108.0	131.0	159.0
CHEMICALS + ALLIED PRODUCTS		116.2	143.4	177.1
LUMBER + FURNITURE		112.3	130.5	151.5
MACHINERY, ALL		110.6	138.8	174.2
MACHINERY,EXCL. ELECTRICAL		109.3	133.2	162.2
ELECTRICAL EQUIPMENT + SUPPLIES		112.0	145.0	187.7
TRANSPORTATION EQUIPMENT		121.5	146.2	176.0
MOTOR VEHICLES + EQUIPMENT		135.0	161.6	193.5
TRANSPORTATION EQUIPMENT,EXCL.		111.5	134.8	163.0
OTHER MANUFACTURING		111.3	133.9	161.2
PAPER + ALLIED PRODUCTS		107.2	130.8	159.5
PETROLEUM REFINING		134.3	153.9	176.3
PRIMARY METALS		108.9	123.4	139.8
FABRICATED METALS + ORDNANCE		110.5	136.8	169.3
MISCELLANEOUS MANUFACTURING		112.4	137.4	168.0
STONE, CLAY AND GLASS		110.5	132.6	159.0
OTHER MISC. MANUFACTURING		113.1	139.3	171.4
TRANSPORTATION,COMM.,+PUBLUTIL.		110.2	132.8	160.3
TRANSPORTATION		109.5	130.8	156.6
RAILROAD TRANSPORTATION		93.6	103.9	115.3
TRUCKING + WAREHOUSING		118.8	145.3	177.7
OTHER TRANSPORTATION SERVICES		112.8	137.9	168.5
LOCAL AND SUBURBAN TRANSP.		104.3	112.6	121.5
WATER TRANSPORTATION		104.7	117.3	131.3
AIR TRANSPORTATION		124.8	167.7	225.3
MISC. OTHER TRANSP. SERVICES		108.1	134.3	154.5
COMMUNICATIONS		110.9	137.3	170.0
UTILITIES (ELEC.,GAS,SANITARY)		111.7	134.4	161.6
WHOLESALE + RETAIL TRADE		113.7	141.8	176.8
FINANCE,INSURANCE AND REAL ESTATE		116.5	142.9	175.3
SERVICES		121.0	156.6	202.5
TOTAL GOVERNMENT		117.8	151.8	196.6
CIVILIAN GOVERNMENT		120.4	158.8	209.8
FEDERAL GOVERNMENT		118.0	146.0	180.7
STATE AND LOCAL GOVERNMENT		121.4	164.6	223.1
ARMED FORCES		105.4	118.0	132.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

SUM OF AIR QUALITY CONTROL REGIONS

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	97,939,836	102,038,853	110,139,251	118,952,331
TOTAL PERSONAL INCOME	315,968,601	363,165,622	452,781,232	564,896,211
TOTAL EARNINGS	256,700,068	293,951,116	364,103,413	452,481,535
PER CAPITA PERSONAL INCOME ($58)	3,226	3,559	4,111	4,749
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.17	1.16	1.15	1.14

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	256,700,068	293,951,116	364,103,413	452,481,535
AGRICULTURE,FORESTRY + FISHERIES	1,853,644	1,901,125	1,931,918	1,966,697
MINING	1,262,641	1,312,091	1,477,226	1,665,981
COAL MINING	148,602	142,723	158,064	175,177
CRUDE PETROLEUM + NAT.GAS	748,685	775,749	859,370	953,353
MINING EXCL. FUELS	365,354	393,619	459,792	537,451
METAL MINING	102,679	119,335	139,308	162,782
NONMETALLIC	262,675	274,284	320,484	374,669
CONTRACT CONSTRUCTION	15,480,836	17,578,216	21,515,736	26,361,687
MANUFACTURING	79,112,299	87,695,160	105,046,368	126,219,146
FOOD + KINDRED PRODUCTS	6,111,540	6,320,606	7,181,643	8,166,050
TEXTILE MILL PRODUCTS	1,188,773	1,236,171	1,364,300	1,510,257
APPAREL + OTHER TEXTILES	3,368,948	3,523,110	3,958,569	4,457,012
PRINTING + PUBLISHING	5,331,926	5,739,328	6,919,491	8,350,271
CHEMICALS + ALLIED PRODUCTS	4,777,977	5,565,406	6,839,783	8,420,062
LUMBER + FURNITURE	1,735,888	1,917,918	2,199,883	2,524,446
MACHINERY, ALL	18,146,693	19,979,057	24,916,614	31,158,790
MACHINERY,EXCL. ELECTRICAL	9,142,115	9,939,134	11,999,517	14,510,056
ELECTRICAL EQUIPMENT + SUPPLIES	9,004,578	10,039,923	12,917,097	16,648,734
TRANSPORTATION EQUIPMENT	11,473,166	13,677,024	16,307,676	19,473,415
MOTOR VEHICLES + EQUIPMENT	4,573,839	6,051,130	7,181,159	8,536,285
TRANSPORTATION EQUIPMENT,EXCL.	6,899,327	7,625,894	9,126,517	10,937,130
OTHER MANUFACTURING	26,977,388	29,736,540	35,358,409	42,158,843
PAPER + ALLIED PRODUCTS	2,257,867	2,401,068	2,913,071	3,536,097
PETROLEUM REFINING	1,163,703	1,551,133	1,758,611	1,995,828
PRIMARY METALS	6,596,610	7,129,968	8,001,076	8,986,634
FABRICATED METALS + ORDNANCE	8,313,812	8,999,750	11,008,099	13,485,663
MISCELLANEOUS MANUFACTURING	8,645,396	9,654,621	11,677,552	14,154,621
STONE, CLAY AND GLASS	1,942,203	2,166,341	2,609,077	3,149,270
OTHER MISC. MANUFACTURING	6,703,193	7,488,280	9,068,475	11,005,351
TRANSPORTATION,COMM.,+PUBLUTIL.	20,148,153	22,330,317	26,920,312	32,504,394
TRANSPORTATION	12,970,494	14,382,255	17,240,896	20,704,254
RAILROAD TRANSPORTATION	2,762,026	2,584,864	2,876,661	3,203,452
TRUCKING + WAREHOUSING	4,519,648	5,347,947	6,528,993	7,976,733
OTHER TRANSPORTATION SERVICES	5,688,820	6,449,444	7,835,242	9,524,069
LOCAL AND SUBURBAN TRANSP.	1,123,263	1,250,742	1,472,569	1,736,011
WATER TRANSPORTATION	1,557,165	1,742,089	2,069,303	2,459,268
AIR TRANSPORTATION	2,330,514	2,684,690	3,333,542	4,142,095
MISC. OTHER TRANSP. SERVICES	677,878	771,923	959,828	1,186,695
COMMUNICATIONS	4,313,161	4,757,987	5,867,423	7,241,017
UTILITIES (ELEC.,GAS,SANITARY)	2,864,498	3,190,075	3,811,993	4,559,123
WHOLESALE + RETAIL TRADE	45,484,829	51,791,742	64,585,832	80,589,455
FINANCE,INSURANCE AND REAL ESTATE	16,159,150	18,732,249	22,827,523	27,834,023
SERVICES	40,463,691	49,112,534	63,597,460	82,400,473
TOTAL GOVERNMENT	36,734,825	43,497,682	56,201,038	72,939,679
CIVILIAN GOVERNMENT	32,134,467	38,602,671	50,721,136	66,803,814
FEDERAL GOVERNMENT	11,213,225	13,219,512	16,342,231	20,217,879
STATE AND LOCAL GOVERNMENT	20,921,242	25,383,159	34,378,905	46,585,935
ARMED FORCES	4,600,358	4,895,011	5,479,902	6,135,865

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	97,939,836	102,038,853	110,139,251	118,952,331
TOTAL PERSONAL INCOME	315,968,601	363,165,622	452,781,232	564,896,211
TOTAL EARNINGS	256,700,068	293,951,116	364,103,413	452,481,535
PER CAPITA PERSONAL INCOME ($58)	3,226	3,559	4,111	4,749
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.17	1.16	1.15	1.14

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	104.2	112.5	121.5
TOTAL PERSONAL INCOME	114.9	143.3	178.8
TOTAL EARNINGS	114.5	141.8	176.3
AGRICULTURE, FORESTRY + FISHERIES	102.6	104.2	106.1
MINING	103.9	117.0	131.9
COAL MINING	96.0	106.4	117.9
CRUDE PETROLEUM + NAT.GAS	103.6	114.8	127.3
MINING EXCL. FUELS	107.7	125.8	147.1
METAL MINING	116.2	135.7	158.5
NONMETALLIC	104.4	122.0	142.6
CONTRACT CONSTRUCTION	113.5	139.0	170.3
MANUFACTURING	110.8	132.8	159.5
FOOD + KINDRED PRODUCTS	103.4	117.5	133.6
TEXTILE MILL PRODUCTS	104.0	114.8	127.0
APPAREL + OTHER TEXTILES	104.6	117.5	132.3
PRINTING + PUBLISHING	107.6	129.8	156.6
CHEMICALS + ALLIED PRODUCTS	116.5	143.2	176.2
LUMBER + FURNITURE	110.5	126.7	145.4
MACHINERY, ALL	110.1	137.3	171.7
MACHINERY, EXCL. ELECTRICAL	108.7	131.3	158.7
ELECTRICAL EQUIPMENT + SUPPLIES	111.5	143.5	184.9
TRANSPORTATION EQUIPMENT	119.2	142.1	169.7
MOTOR VEHICLES + EQUIPMENT	132.3	157.0	186.6
TRANSPORTATION EQUIPMENT, EXCL.	110.5	132.3	158.5
OTHER MANUFACTURING	110.2	131.1	156.3
PAPER + ALLIED PRODUCTS	106.3	129.0	156.6
PETROLEUM REFINING	133.3	151.1	171.5
PRIMARY METALS	108.1	121.3	136.2
FABRICATED METALS + ORDNANCE	108.3	132.4	162.2
MISCELLANEOUS MANUFACTURING	111.7	135.1	163.7
STONE, CLAY AND GLASS	111.5	134.3	162.1
OTHER MISC. MANUFACTURING	111.7	135.3	164.2
TRANSPORTATION, COMM., +PUBLUTIL.	110.8	133.6	161.3
TRANSPORTATION	110.9	132.9	159.6
RAILROAD TRANSPORTATION	93.6	104.2	116.0
TRUCKING + WAREHOUSING	118.3	144.5	176.5
OTHER TRANSPORTATION SERVICES	113.4	137.7	167.4
LOCAL AND SUBURBAN TRANSP.	111.3	131.1	154.6
WATER TRANSPORTATION	111.9	132.9	157.9
AIR TRANSPORTATION	115.2	143.0	177.7
MISC. OTHER TRANSP. SERVICES	113.9	141.6	175.1
COMMUNICATIONS	110.3	136.0	167.9
UTILITIES (ELEC., GAS, SANITARY)	111.4	133.1	159.2
WHOLESALE + RETAIL TRADE	113.9	142.0	177.2
FINANCE, INSURANCE AND REAL ESTATE	115.9	141.3	172.2
SERVICES	121.4	157.2	203.6
TOTAL GOVERNMENT	118.4	153.0	198.6
CIVILIAN GOVERNMENT	120.1	157.8	207.9
FEDERAL GOVERNMENT	117.9	145.7	180.3
STATE AND LOCAL GOVERNMENT	121.3	164.3	222.7
ARMED FORCES	106.4	119.1	133.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	2,704,500	2,918,200	3,214,297	3,540,400
TOTAL PERSONAL INCOME	8,847,653	10,412,231	13,229,768	16,809,672
TOTAL EARNINGS	7,297,847	8,565,101	10,813,599	13,699,883
PER CAPITA PERSONAL INCOME ($58)	3,271	3,568	4,116	4,748
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.18	1.16	1.15	1.14

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	7,297,847	8,565,101	10,813,599	13,699,883
AGRICULTURE,FORESTRY + FISHERIES	40,550	37,134	39,304	41,882
MINING	10,000	11,388	13,719	16,528
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	9,520	10,704	12,914	15,580
CONTRACT CONSTRUCTION	457,303	529,916	668,680	843,779
MANUFACTURING	315,695	362,672	460,481	587,978
FOOD + KINDRED PRODUCTS	53,981	58,709	70,626	84,961
APPAREL + OTHER TEXTILES	694	810	1,025	1,298
PRINTING + PUBLISHING	131,514	139,682	173,836	216,342
CHEMICALS + ALLIED PRODUCTS	11,324	14,616	17,929	21,993
LUMBER + FURNITURE	6,813	8,164	9,634	11,368
MACHINERY, ALL	41,066	50,535	72,778	105,547
MACHINERY,EXCL. ELECTRICAL	10,519	11,448	13,933	16,957
ELECTRICAL EQUIPMENT + SUPPLIES	30,547	39,087	58,845	88,590
TRANSPORTATION EQUIPMENT	19,124	20,241	22,787	25,659
MOTOR VEHICLES + EQUIPMENT	755	1,014	1,214	1,453
TRANSPORTATION EQUIPMENT,EXCL.	18,369	19,227	21,573	24,206
OTHER MANUFACTURING	51,179	69,915	91,866	120,810
PAPER + ALLIED PRODUCTS	3,132	8,219	10,119	12,458
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	27,335	32,185	42,041	54,914
STONE, CLAY AND GLASS	16,156	18,793	24,118	30,952
OTHER MISC. MANUFACTURING	11,179	13,392	17,923	23,962
TRANSPORTATION,COMM.,+PUBLUTIL.	415,379	473,758	590,814	737,286
TRANSPORTATION	211,664	242,324	298,884	368,987
RAILROAD TRANSPORTATION	35,490	34,195	39,469	45,556
TRUCKING + WAREHOUSING	40,040	49,692	63,838	82,010
OTHER TRANSPORTATION SERVICES	136,134	158,437	195,577	241,421
LOCAL AND SUBURBAN TRANSP.	47,172	55,367	69,160	86,389
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	66,171	76,509	93,558	114,405
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	138,376	155,688	198,132	252,146
UTILITIES (ELEC.,GAS,SANITARY)	65,339	75,746	93,798	116,153
WHOLESALE + RETAIL TRADE	1,046,279	1,229,501	1,581,256	2,033,643
FINANCE,INSURANCE AND REAL ESTATE	367,118	441,774	558,561	706,226
SERVICES	1,482,617	1,837,625	2,448,705	3,262,983
TOTAL GOVERNMENT	3,162,906	3,641,333	4,452,079	5,469,578
CIVILIAN GOVERNMENT	2,630,802	3,090,569	3,833,822	4,775,562
FEDERAL GOVERNMENT	2,114,117	2,442,294	2,928,965	3,512,580
STATE AND LOCAL GOVERNMENT	516,685	648,275	904,857	1,262,982
ARMED FORCES	532,104	550,764	618,257	694,016

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 1
WASHINGTON, D.C.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,704,500	2,918,200	3,214,297	3,540,400
TOTAL PERSONAL INCOME	8,847,653	10,412,231	13,229,768	16,809,672
TOTAL EARNINGS	7,297,847	8,565,101	10,813,599	13,699,883
PER CAPITA PERSONAL INCOME ($58)	3,271	3,568	4,116	4,768
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.18	1.16	1.15	1.14

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	107.9	118.8	130.9
TOTAL PERSONAL INCOME	117.7	149.5	190.0
TOTAL EARNINGS	117.4	148.2	187.7
AGRICULTURE,FORESTRY + FISHERIES	91.6	96.9	103.3
MINING	113.9	137.2	165.3
CRUDE PETROLEUM + NAT.GAS	147.1	173.2	204.2
MINING EXCL. FUELS	112.3	135.5	163.4
NONMETALLIC	112.4	135.7	163.7
CONTRACT CONSTRUCTION	115.9	146.2	184.5
MANUFACTURING	114.9	145.9	186.2
FOOD + KINDRED PRODUCTS	108.8	130.8	157.4
APPAREL + OTHER TEXTILES	116.7	147.7	187.0
PRINTING + PUBLISHING	106.2	132.2	164.5
CHEMICALS + ALLIED PRODUCTS	129.1	158.3	194.2
LUMBER + FURNITURE	119.8	141.4	166.9
MACHINERY, ALL	123.1	177.2	257.0
MACHINERY,EXCL. ELECTRICAL	108.8	132.5	161.2
ELECTRICAL EQUIPMENT + SUPPLIES	128.0	192.6	290.0
TRANSPORTATION EQUIPMENT	105.8	119.2	134.2
MOTOR VEHICLES + EQUIPMENT	134.3	160.8	192.5
TRANSPORTATION EQUIPMENT,EXCL.	104.7	117.4	131.8
OTHER MANUFACTURING	136.6	179.5	236.1
PAPER + ALLIED PRODUCTS	262.4	323.1	397.8
PETROLEUM REFINING	144.8	185.0	236.5
PRIMARY METALS	113.5	139.9	172.3
FABRICATED METALS + ORDNANCE	143.4	193.8	261.9
MISCELLANEOUS MANUFACTURING	117.7	153.8	200.9
STONE, CLAY AND GLASS	116.3	149.3	191.6
OTHER MISC. MANUFACTURING	119.8	160.3	214.3
TRANSPORTATION,COMM.,+PUBLUTIL.	114.1	142.2	177.5
TRANSPORTATION	114.5	141.2	174.3
RAILROAD TRANSPORTATION	96.4	111.2	128.4
TRUCKING + WAREHOUSING	124.1	159.4	204.8
OTHER TRANSPORTATION SERVICES	116.4	143.7	177.3
LOCAL AND SUBURBAN TRANSP.	117.4	146.6	183.1
WATER TRANSPORTATION	125.8	170.9	232.3
AIR TRANSPORTATION	115.6	141.4	172.9
MISC. OTHER TRANSP. SERVICES	115.9	142.4	174.7
COMMUNICATIONS	112.5	143.2	182.2
UTILITIES (ELEC.,GAS,SANITARY)	115.9	143.6	177.8
WHOLESALE + RETAIL TRADE	117.5	151.1	194.4
FINANCE,INSURANCE AND REAL ESTATE	120.3	152.1	192.4
SERVICES	123.9	165.2	220.1
TOTAL GOVERNMENT	115.1	140.8	172.9
CIVILIAN GOVERNMENT	117.5	145.7	181.5
FEDERAL GOVERNMENT	115.5	138.5	166.1
STATE AND LOCAL GOVERNMENT	125.5	175.1	244.4
ARMED FORCES	103.5	116.2	130.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	16,178,100	16,350,100	17,361,756	18,436,100
TOTAL PERSONAL INCOME	59,366,773	66,381,341	80,772,838	98,282,876
TOTAL EARNINGS	46,446,084	51,936,761	63,130,098	76,896,522
PER CAPITA PERSONAL INCOME ($58)	3,670	4,060	4,652	5,331
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.32	1.30	1.28

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	46,446,084	51,936,761	63,130,098	76,896,522
AGRICULTURE, FORESTRY + FISHERIES	127,358	109,608	117,495	126,042
MINING	50,241	39,727	44,628	50,148
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	23,505	23,224	26,071	29,266
CONTRACT CONSTRUCTION	2,286,285	2,527,696	3,082,432	3,758,865
MANUFACTURING	12,843,850	13,772,405	15,995,249	18,599,390
FOOD + KINDRED PRODUCTS	946,404	961,071	1,081,545	1,217,170
TEXTILE MILL PRODUCTS	424,099	443,685	494,681	551,535
APPAREL + OTHER TEXTILES	1,683,589	1,729,225	1,887,720	2,060,749
PRINTING + PUBLISHING	1,453,299	1,535,889	1,805,450	2,122,305
CHEMICALS + ALLIED PRODUCTS	1,102,457	1,255,983	1,508,702	1,812,248
LUMBER + FURNITURE	257,623	278,618	313,752	353,312
MACHINERY, ALL	2,419,492	2,603,142	3,142,903	3,796,196
MACHINERY, EXCL. ELECTRICAL	1,057,257	1,130,294	1,332,210	1,570,184
ELECTRICAL EQUIPMENT + SUPPLIES	1,362,235	1,472,848	1,810,693	2,226,012
TRANSPORTATION EQUIPMENT	906,790	997,094	1,142,996	1,310,248
MOTOR VEHICLES + EQUIPMENT	166,894	212,085	244,649	282,214
TRANSPORTATION EQUIPMENT, EXCL.	739,896	785,009	898,347	1,028,034
OTHER MANUFACTURING	3,650,097	3,967,698	4,617,480	5,375,627
PAPER + ALLIED PRODUCTS	396,890	405,339	478,939	565,897
PETROLEUM REFINING	129,268	167,238	181,353	196,658
PRIMARY METALS	379,753	411,099	462,688	520,748
FABRICATED METALS + ORDNANCE	819,148	881,597	1,036,054	1,217,569
MISCELLANEOUS MANUFACTURING	1,925,038	2,102,425	2,458,446	2,874,755
STONE, CLAY AND GLASS	172,826	187,683	217,675	252,461
OTHER MISC. MANUFACTURING	1,752,212	1,914,742	2,240,771	2,622,294
TRANSPORTATION, COMM., + PUBL UTIL.	4,141,679	4,551,313	5,403,824	6,418,239
TRANSPORTATION	2,720,179	3,019,948	3,595,155	4,282,040
RAILROAD TRANSPORTATION	282,317	257,497	283,909	313,031
TRUCKING + WAREHOUSING	672,119	780,690	937,238	1,125,161
OTHER TRANSPORTATION SERVICES	1,765,743	1,981,761	2,374,008	2,843,848
LOCAL AND SUBURBAN TRANSP.	311,221	339,479	389,621	447,167
WATER TRANSPORTATION	716,433	796,101	939,988	1,109,868
AIR TRANSPORTATION	525,521	600,698	737,876	906,363
MISC. OTHER TRANSP. SERVICES	212,568	245,483	306,523	380,450
COMMUNICATIONS	963,537	1,029,556	1,216,368	1,437,097
UTILITIES (ELEC., GAS, SANITARY)	457,963	501,811	592,301	699,102
WHOLESALE + RETAIL TRADE	8,505,516	9,468,145	11,497,035	13,960,698
FINANCE, INSURANCE AND REAL ESTATE	4,222,202	4,793,448	5,687,775	6,748,927
SERVICES	8,694,812	10,124,758	12,783,168	16,139,606
TOTAL GOVERNMENT	5,574,141	6,549,661	8,518,492	11,094,607
CIVILIAN GOVERNMENT	5,376,140	6,347,228	8,289,040	10,834,530
FEDERAL GOVERNMENT	1,145,220	1,334,502	1,641,680	2,019,567
STATE AND LOCAL GOVERNMENT	4,230,920	5,012,726	6,647,360	8,814,963
ARMED FORCES	198,001	202,433	229,452	260,077

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 2
NEW YORK

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	16,178,100	16,350,100	17,361,756	18,436,100
TOTAL PERSONAL INCOME	59,366,773	66,381,341	80,772,898	98,282,876
TOTAL EARNINGS	46,446,084	51,936,761	63,130,098	76,896,522
PER CAPITA PERSONAL INCOME ($58)	3,670	4,060	4,652	5,331
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.32	1.30	1.28

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	101.1	107.3	114.0
TOTAL PERSONAL INCOME	111.8	136.1	165.6
TOTAL EARNINGS	111.8	135.9	165.6
AGRICULTURE,FORESTRY + FISHERIES	86.1	92.3	99.0
MINING	79.1	88.8	99.8
MINING EXCL. FUELS	99.3	110.7	123.5
METAL MINING	101.0	109.9	119.6
NONMETALLIC	98.8	110.9	124.5
CONTRACT CONSTRUCTION	110.6	134.8	164.4
MANUFACTURING	107.2	124.5	144.8
FOOD + KINDRED PRODUCTS	101.5	114.3	128.6
TEXTILE MILL PRODUCTS	104.6	116.6	130.0
APPAREL + OTHER TEXTILES	102.7	112.1	122.4
PRINTING + PUBLISHING	105.7	126.2	146.0
CHEMICALS + ALLIED PRODUCTS	113.9	136.8	164.4
LUMBER + FURNITURE	108.1	121.8	137.1
MACHINERY, ALL	107.6	129.9	156.9
MACHINERY,EXCL. ELECTRICAL	106.9	126.0	148.5
ELECTRICAL EQUIPMENT + SUPPLIES	108.1	132.9	163.4
TRANSPORTATION EQUIPMENT	110.0	126.0	144.5
MOTOR VEHICLES + EQUIPMENT	127.1	146.6	169.1
TRANSPORTATION EQUIPMENT,EXCL.	106.1	121.4	138.9
OTHER MANUFACTURING	108.7	126.5	147.3
PAPER + ALLIED PRODUCTS	102.1	120.7	142.6
PETROLEUM REFINING	129.4	140.3	152.1
PRIMARY METALS	108.3	121.8	137.1
FABRICATED METALS + ORDNANCE	107.6	126.5	148.6
MISCELLANEOUS MANUFACTURING	109.2	127.7	149.3
STONE, CLAY AND GLASS	108.6	126.0	146.1
OTHER MISC. MANUFACTURING	109.3	127.9	149.7
TRANSPORTATION,COMM.,+PUBLUTIL.	109.9	130.5	155.0
TRANSPORTATION	111.0	132.2	157.4
RAILROAD TRANSPORTATION	91.2	100.6	110.9
TRUCKING + WAREHOUSING	116.2	139.4	167.4
OTHER TRANSPORTATION SERVICES	112.2	134.4	161.1
LOCAL AND SUBURBAN TRANSP.	109.1	125.2	143.7
WATER TRANSPORTATION	111.1	131.2	154.9
AIR TRANSPORTATION	114.3	140.4	172.5
MISC. OTHER TRANSP. SERVICES	115.5	144.2	179.0
COMMUNICATIONS	106.9	126.2	149.1
UTILITIES (ELEC.,GAS,SANITARY)	109.6	129.3	152.7
WHOLESALE + RETAIL TRADE	111.3	135.2	164.1
FINANCE,INSURANCE AND REAL ESTATE	113.5	134.7	159.8
SERVICES	116.4	147.0	185.6
TOTAL GOVERNMENT	117.5	152.8	199.0
CIVILIAN GOVERNMENT	118.1	154.2	201.5
FEDERAL GOVERNMENT	116.5	143.4	176.3
STATE AND LOCAL GOVERNMENT	118.5	157.1	208.3
ARMED FORCES	102.2	115.9	131.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 3
CHICAGO, ILLINOIS

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	7.373.500	7.550.400	8.066.478	8.617.600
TOTAL PERSONAL INCOME	26.355.127	29.725.769	36.518.485	44.863.233
TOTAL EARNINGS	21.732.919	24.387.021	29.674.016	36.186.684
PER CAPITA PERSONAL INCOME ($58)	3.574	3.937	4.527	5.206
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.29	1.28	1.27	1.25
EARNINGS BY INDUSTRY				
TOTAL EARNINGS	21.732.919	24.387.021	29.674.016	36.186.684
AGRICULTURE.FORESTRY + FISHERIES	80.719	80.251	76.230	72.450
MINING	54.678	55.989	63.735	72.700
COAL MINING	1.206	1.075	1.139	1.206
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	42.126	43.138	50.204	58.637
CONTRACT CONSTRUCTION	1.368.763	1.503.632	1.806.750	2.170.963
MANUFACTURING	7.864.337	8.536.123	10.108.769	11.989.166
FOOD + KINDRED PRODUCTS	678.189	694.843	778.381	871.961
TEXTILE MILL PRODUCTS	19.959	20.770	22.966	25.395
APPAREL + OTHER TEXTILES	137.332	143.143	160.205	179.301
PRINTING + PUBLISHING	756.270	795.554	928.747	1.084.239
CHEMICALS + ALLIED PRODUCTS	438.907	503.509	616.781	755.533
LUMBER + FURNITURE	225.057	259.215	301.504	350.696
MACHINERY, ALL	2.183.358	2.357.914	2.861.592	3.478.152
MACHINERY.EXCL. ELECTRICAL	1.061.588	1.125.664	1.310.173	1.524.914
ELECTRICAL EQUIPMENT + SUPPLIES	1.121.770	1.232.250	1.551.419	1.953.238
TRANSPORTATION EQUIPMENT	283.150	346.466	412.972	492.499
MOTOR VEHICLES + EQUIPMENT	106.127	156.454	191.214	233.695
TRANSPORTATION EQUIPMENT.EXCL.	177.023	190.012	221.758	258.804
OTHER MANUFACTURING	3.142.115	3.414.709	4.025.621	4.751.390
PAPER + ALLIED PRODUCTS	227.786	249.362	307.943	380.281
PETROLEUM REFINING	108.136	141.850	157.492	174.859
PRIMARY METALS	1.111.188	1.209.826	1.372.920	1.557.984
FABRICATED METALS + ORDNANCE	872.940	890.270	1.059.206	1.260.198
MISCELLANEOUS MANUFACTURING	822.065	923.401	1.128.060	1.378.068
STONE, CLAY AND GLASS	160.945	174.624	202.357	234.492
OTHER MISC. MANUFACTURING	661.120	748.777	925.703	1.143.576
TRANSPORTATION.COMM..+PUBLUTIL.	1.736.267	1.876.548	2.212.425	2.611.430
TRANSPORTATION	1.193.839	1.284.292	1.500.098	1.754.428
RAILROAD TRANSPORTATION	386.039	358.868	395.051	434.883
TRUCKING + WAREHOUSING	479.511	558.156	664.347	790.732
OTHER TRANSPORTATION SERVICES	328.289	367.268	440.700	528.813
LOCAL AND SUBURBAN TRANSP.	75.230	82.573	96.337	112.394
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	64.800	70.640	81.777	94.123
COMMUNICATIONS	308.999	335.824	410.068	500.726
UTILITIES (ELEC..GAS.SANITARY)	233.429	256.432	302.259	356.276
WHOLESALE + RETAIL TRADE	4.107.195	4.606.040	5.663.313	6.963.195
FINANCE.INSURANCE AND REAL ESTATE	1.266.787	1.436.595	1.701.695	2.015.569
SERVICES	3.157.904	3.808.992	4.821.517	6.103.188
TOTAL GOVERNMENT	2.096.269	2.482.851	3.219.642	4.188.023
CIVILIAN GOVERNMENT	1.874.380	2.234.735	2.941.797	3.876.889
FEDERAL GOVERNMENT	505.457	595.036	739.789	919.754
STATE AND LOCAL GOVERNMENT	1.368.923	1.639.699	2.202.008	2.957.135
ARMED FORCES	221.889	248.116	277.845	311.134

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	7,373,500	7,550,400	8,066,428	8,617,600
TOTAL PERSONAL INCOME	26,355,127	29,725,769	36,518,485	44,863,233
TOTAL EARNINGS	21,732,919	24,387,021	29,674,016	36,186,684
PER CAPITA PERSONAL INCOME ($58)	3,574	3,937	4,527	5,206
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.29	1.28	1.27	1.25

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	102.4	109.4	116.9
TOTAL PERSONAL INCOME	112.8	138.6	170.2
TOTAL EARNINGS	112.2	136.5	166.5
AGRICULTURE, FORESTRY + FISHERIES	99.4	94.4	89.8
MINING	102.4	116.6	133.0
COAL MINING	89.1	94.4	100.0
CRUDE PETROLEUM + NAT. GAS	93.8	97.2	100.7
MINING EXCL. FUELS	105.0	122.3	142.4
NONMETALLIC	102.4	119.4	139.2
CONTRACT CONSTRUCTION	109.9	132.0	158.6
MANUFACTURING	108.5	128.5	152.4
FOOD + KINDRED PRODUCTS	102.5	114.8	128.6
TEXTILE MILL PRODUCTS	104.1	115.1	127.2
APPAREL + OTHER TEXTILES	104.2	116.7	130.6
PRINTING + PUBLISHING	105.2	122.8	143.4
CHEMICALS + ALLIED PRODUCTS	114.7	140.5	172.1
LUMBER + FURNITURE	115.2	134.0	155.8
MACHINERY, ALL	108.0	131.1	159.3
MACHINERY, EXCL. ELECTRICAL	106.0	123.4	143.6
ELECTRICAL EQUIPMENT + SUPPLIES	109.8	138.3	174.1
TRANSPORTATION EQUIPMENT	122.4	145.8	173.9
MOTOR VEHICLES + EQUIPMENT	147.4	180.2	220.2
TRANSPORTATION EQUIPMENT, EXCL.	107.3	125.3	146.2
OTHER MANUFACTURING	108.7	128.1	151.2
PAPER + ALLIED PRODUCTS	109.5	135.2	166.9
PETROLEUM REFINING	131.2	145.6	161.7
PRIMARY METALS	108.9	123.6	140.2
FABRICATED METALS + ORDNANCE	102.0	121.3	144.4
MISCELLANEOUS MANUFACTURING	112.3	137.2	167.6
STONE, CLAY AND GLASS	108.5	125.7	145.7
OTHER MISC. MANUFACTURING	113.3	140.0	173.0
TRANSPORTATION, COMM., +PUBLUTIL.	108.1	127.4	150.4
TRANSPORTATION	107.6	125.7	147.0
RAILROAD TRANSPORTATION	93.0	102.3	112.7
TRUCKING + WAREHOUSING	116.4	138.5	164.9
OTHER TRANSPORTATION SERVICES	111.9	134.2	161.1
LOCAL AND SUBURBAN TRANSP.	109.8	128.1	149.4
WATER TRANSPORTATION	106.9	119.5	133.5
AIR TRANSPORTATION	114.2	141.0	174.1
MISC. OTHER TRANSP. SERVICES	109.0	126.2	145.3
COMMUNICATIONS	108.7	132.7	162.0
UTILITIES (ELEC., GAS, SANITARY)	109.9	129.5	152.6
WHOLESALE + RETAIL TRADE	112.1	137.9	169.5
FINANCE, INSURANCE AND REAL ESTATE	113.4	134.3	159.1
SERVICES	120.6	152.7	193.3
TOTAL GOVERNMENT	118.4	153.6	199.8
CIVILIAN GOVERNMENT	119.2	156.9	206.8
FEDERAL GOVERNMENT	117.7	146.4	182.0
STATE AND LOCAL GOVERNMENT	119.8	160.9	216.0
ARMED FORCES	111.8	125.2	140.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 4
PHILADELPHIA, PA.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	5,555,901	5,778,600	6,198,513	6,648,900
TOTAL PERSONAL INCOME	17,067,255	19,554,925	24,295,944	30,186,044
TOTAL EARNINGS	13,819,683	15,761,270	19,403,292	23,952,626
PER CAPITA PERSONAL INCOME ($58)	3,072	3,384	3,920	4,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.11	1.10	1.10	1.09

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	13,819,683	15,761,270	19,403,292	23,952,626
AGRICULTURE.FORESTRY + FISHERIES	122,494	117,086	121,296	125,658
MINING	11,381	12,476	14,338	16,481
COAL MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	1,470	1,753	2,040	2,374
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	9,502	10,354	11,919	13,720
CONTRACT CONSTRUCTION	813,249	909,586	1,109,500	1,353,350
MANUFACTURING	4,990,164	5,515,756	6,573,547	7,850,235
FOOD + KINDRED PRODUCTS	353,928	361,731	403,136	449,277
TEXTILE MILL PRODUCTS	142,845	144,257	148,683	153,243
APPAREL + OTHER TEXTILES	265,304	275,320	306,291	340,741
PRINTING + PUBLISHING	309,089	331,151	397,257	476,558
CHEMICALS + ALLIED PRODUCTS	733,634	854,994	1,055,600	1,303,268
LUMBER + FURNITURE	D	D	D	D
MACHINERY, ALL	D	D	D	D
MACHINERY.EXCL. ELECTRICAL	492,551	544,171	672,005	829,870
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	313,811	379,442	461,031	560,533
MOTOR VEHICLES + EQUIPMENT	126,777	176,543	220,407	275,169
TRANSPORTATION EQUIPMENT.EXCL.	187,034	202,899	240,624	285,364
OTHER MANUFACTURING	1,596,972	1,775,287	2,086,192	2,454,434
PAPER + ALLIED PRODUCTS	178,176	182,846	231,765	282,939
PETROLEUM REFINING	161,425	213,606	239,601	268,757
PRIMARY METALS	313,900	339,168	380,667	427,244
FABRICATED METALS + ORDNANCE	404,653	443,044	541,176	661,042
MISCELLANEOUS MANUFACTURING	538,818	589,623	692,983	814,452
STONE, CLAY AND GLASS	142,631	152,724	173,800	197,782
OTHER MISC. MANUFACTURING	396,187	436,899	519,183	616,670
TRANSPORTATION.COMM..+PUBLUTIL.	907,727	998,755	1,194,462	1,430,343
TRANSPORTATION	552,749	604,466	714,524	845,855
RAILROAD TRANSPORTATION	150,067	138,411	152,168	167,292
TRUCKING + WAREHOUSING	220,497	259,361	311,925	375,141
OTHER TRANSPORTATION SERVICES	182,185	206,694	250,431	303,422
LOCAL AND SUBURBAN TRANSP.	94,004	105,266	125,139	148,763
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	23,423	27,693	35,424	45,313
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	187,883	208,151	258,792	321,748
UTILITIES (ELEC..GAS.SANITARY)	167,095	186,138	221,146	262,740
WHOLESALE + RETAIL TRADE	2,202,132	2,499,547	3,109,366	3,867,962
FINANCE.INSURANCE AND REAL ESTATE	741,496	861,486	1,053,280	1,287,765
SERVICES	2,015,368	2,481,040	3,197,594	4,121,051
TOTAL GOVERNMENT	2,015,672	2,365,538	3,029,909	3,899,781
CIVILIAN GOVERNMENT	1,682,749	2,020,210	2,641,106	3,462,034
FEDERAL GOVERNMENT	655,477	768,806	938,654	1,145,995
STATE AND LOCAL GOVERNMENT	1,027,272	1,251,404	1,702,452	2,316,039
ARMED FORCES	332,923	345,328	388,803	437,747

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 4
PHILADELPHIA, PA.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	5,555,901	5,778,600	6,198,513	6,648,900
TOTAL PERSONAL INCOME	17,067,255	19,554,925	24,295,944	30,186,044
TOTAL EARNINGS	13,819,683	15,761,270	19,403,292	23,952,626
PER CAPITA PERSONAL INCOME ($58)	3,072	3,384	3,920	4,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.11	1.10	1.10	1.09

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967 (1967 = 100.0)

POPULATION		104.0	111.6	119.7
TOTAL PERSONAL INCOME		114.6	142.4	176.9
TOTAL EARNINGS		114.0	140.4	173.3
AGRICULTURE, FORESTRY + FISHERIES		95.6	99.0	102.6
MINING		109.6	126.0	144.8
COAL MINING		90.2	92.4	94.6
CRUDE PETROLEUM + NAT.GAS		119.3	138.8	161.5
MINING EXCL. FUELS		109.0	125.4	144.4
NONMETALLIC		109.0	125.4	144.4
CONTRACT CONSTRUCTION		111.8	136.4	166.4
MANUFACTURING		110.5	131.7	157.3
FOOD + KINDRED PRODUCTS		102.2	113.9	126.9
TEXTILE MILL PRODUCTS		101.0	104.1	107.3
APPAREL + OTHER TEXTILES		103.8	115.4	128.4
PRINTING + PUBLISHING		107.1	128.5	154.2
CHEMICALS + ALLIED PRODUCTS		116.5	143.9	177.6
LUMBER + FURNITURE		108.4	122.6	138.5
MACHINERY, ALL		109.4	135.2	167.2
MACHINERY, EXCL. ELECTRICAL		110.5	136.4	168.5
ELECTRICAL EQUIPMENT + SUPPLIES		108.6	134.4	166.3
TRANSPORTATION EQUIPMENT		120.9	146.9	178.6
MOTOR VEHICLES + EQUIPMENT		139.3	173.9	217.0
TRANSPORTATION EQUIPMENT, EXCL.		108.5	128.7	152.6
OTHER MANUFACTURING		111.2	130.6	153.7
PAPER + ALLIED PRODUCTS		106.5	130.1	158.8
PETROLEUM REFINING		132.3	148.4	166.5
PRIMARY METALS		108.0	121.3	136.1
FABRICATED METALS + ORDNANCE		109.5	133.7	163.4
MISCELLANEOUS MANUFACTURING		109.4	128.6	151.2
STONE, CLAY AND GLASS		107.1	121.9	138.7
OTHER MISC. MANUFACTURING		110.3	131.0	155.7
TRANSPORTATION, COMM., +PUBLUTIL.		110.0	131.6	157.6
TRANSPORTATION		109.4	129.3	153.0
RAILROAD TRANSPORTATION		92.2	101.4	111.5
TRUCKING + WAREHOUSING		117.6	141.5	170.1
OTHER TRANSPORTATION SERVICES		113.5	137.5	166.5
LOCAL AND SUBURBAN TRANSP.		112.0	133.1	158.3
WATER TRANSPORTATION		112.3	133.9	159.8
AIR TRANSPORTATION		118.2	151.2	193.5
MISC. OTHER TRANSP. SERVICES		116.7	147.4	185.0
COMMUNICATIONS		110.8	137.7	171.2
UTILITIES (ELEC., GAS, SANITARY)		111.4	132.3	157.2
WHOLESALE + RETAIL TRADE		113.5	141.2	175.6
FINANCE, INSURANCE AND REAL ESTATE		116.2	142.0	173.7
SERVICES		123.1	158.7	204.5
TOTAL GOVERNMENT		117.4	150.3	193.5
CIVILIAN GOVERNMENT		120.1	157.0	205.7
FEDERAL GOVERNMENT		117.3	143.2	174.8
STATE AND LOCAL GOVERNMENT		121.8	165.7	225.5
ARMED FORCES		103.7	116.8	131.5

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 5
DENVER, COLORADO

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,150,000	1,240,316	1,370,971	1,515,384
TOTAL PERSONAL INCOME	3,351,400	3,965,423	5,102,134	6,564,643
TOTAL EARNINGS	2,781,733	3,273,457	4,169,665	5,327,208
PER CAPITA PERSONAL INCOME ($58)	2,914	3,197	3,722	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.04	1.04	1.04

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	2,781,733	3,273,457	4,169,665	5,327,208
AGRICULTURE, FORESTRY + FISHERIES	17,343	17,738	17,391	17,068
MINING	38,276	41,527	46,726	52,595
CRUDE PETROLEUM + NAT. GAS	34,859	37,774	42,381	47,550
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	1,766	1,977	2,302	2,895
CONTRACT CONSTRUCTION	200,812	231,054	285,961	353,911
MANUFACTURING	529,952	611,499	768,204	968,408
FOOD + KINDRED PRODUCTS	D	D	D	D
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	6,353	6,677	7,557	8,554
PRINTING + PUBLISHING	42,922	47,943	60,414	76,129
CHEMICALS + ALLIED PRODUCTS	11,763	12,897	15,196	17,906
LUMBER + FURNITURE	11,225	12,723	14,959	17,587
MACHINERY, ALL	106,926	124,175	164,474	218,122
MACHINERY, EXCL. ELECTRICAL	82,274	94,475	122,642	159,257
ELECTRICAL EQUIPMENT + SUPPLIES	24,652	29,700	41,812	58,865
TRANSPORTATION EQUIPMENT	25,210	31,942	42,077	55,429
MOTOR VEHICLES + EQUIPMENT	6,304	9,688	12,738	16,749
TRANSPORTATION EQUIPMENT, EXCL.	18,906	22,254	29,339	38,680
OTHER MANUFACTURING	233,999	280,808	356,925	454,165
PAPER + ALLIED PRODUCTS	7,009	8,168	10,301	12,990
PETROLEUM REFINING	3,084	4,289	5,160	6,208
PRIMARY METALS	7,454	7,829	8,376	8,961
FABRICATED METALS + ORDNANCE	111,426	140,176	182,244	236,936
MISCELLANEOUS MANUFACTURING	105,026	1[illegible],346	150,844	189,070
STONE, CLAY AND GLASS	28,096	32,538	41,302	52,654
OTHER MISC. MANUFACTURING	76,930	87,808	109,452	136,416
TRANSPORTATION, COMM., + PUBLUTIL.	254,492	283,670	342,567	414,131
TRANSPORTATION	163,798	[illegible]308	216,751	258,714
RAILROAD TRANSPORTATION	37,552	[illegible],270	39,385	43,979
TRUCKING + WAREHOUSING	64,450	75,054	89,386	106,455
OTHER TRANSPORTATION SERVICES	61,796	71,484	87,980	108,280
LOCAL AND SUBURBAN TRANSP.	8,681	9,788	11,593	13,730
AIR TRANSPORTATION	51,580	59,951	74,282	92,038
MISC. OTHER TRANSP. SERVICES	1,535	1,745	2,105	2,512
COMMUNICATIONS	57,258	63,659	79,221	98,585
UTILITIES (ELEC., GAS, SANITARY)	33,436	38,203	46,595	56,832
WHOLESALE + RETAIL TRADE	554,807	636,578	806,719	1,022,337
FINANCE, INSURANCE AND REAL ESTATE	190,232	223,460	279,319	349,138
SERVICES	452,663	586,717	795,417	1,078,338
TOTAL GOVERNMENT	543,156	641,214	827,361	1,071,282
CIVILIAN GOVERNMENT	472,988	568,577	745,758	979,608
FEDERAL GOVERNMENT	192,739	229,240	286,545	358,169
STATE AND LOCAL GOVERNMENT	280,249	339,337	459,213	621,439
ARMED FORCES	70,168	72,637	81,603	91,674

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,150,000	1,240,316	1,370,971	1,515,384
TOTAL PERSONAL INCOME	3,351,400	3,965,423	5,102,134	6,564,643
TOTAL EARNINGS	2,781,733	3,273,457	4,169,665	5,327,208
PER CAPITA PERSONAL INCOME ($58)	2,914	3,197	3,722	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.04	1.04	1.04

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	107.9	119.3	131.8
TOTAL PERSONAL INCOME	118.3	152.2	195.9
TOTAL EARNINGS	117.7	149.9	191.5
AGRICULTURE,FORESTRY + FISHERIES	102.3	100.3	98.4
MINING	108.5	122.1	137.4
CRUDE PETROLEUM + NAT.GAS	108.4	121.6	136.4
MINING EXCL. FUELS	109.9	127.3	147.8
METAL MINING	107.7	118.6	130.6
NONMETALLIC	111.9	135.4	163.9
CONTRACT CONSTRUCTION	115.1	142.4	176.2
MANUFACTURING	115.4	145.0	182.7
FOOD + KINDRED PRODUCTS	102.9	116.1	130.9
TEXTILE MILL PRODUCTS	120.4	166.8	231.2
APPAREL + OTHER TEXTILES	105.1	119.0	134.6
PRINTING + PUBLISHING	111.7	140.8	177.4
CHEMICALS + ALLIED PRODUCTS	109.6	129.2	152.2
LUMBER + FURNITURE	113.3	133.3	156.7
MACHINERY, ALL	116.1	153.8	204.0
MACHINERY,EXCL. ELECTRICAL	114.8	149.1	193.6
ELECTRICAL EQUIPMENT + SUPPLIES	120.5	169.6	238.8
TRANSPORTATION EQUIPMENT	126.7	166.9	219.9
MOTOR VEHICLES + EQUIPMENT	153.7	202.1	265.7
TRANSPORTATION EQUIPMENT,EXCL.	117.7	155.2	204.6
OTHER MANUFACTURING	120.0	152.5	194.1
PAPER + ALLIED PRODUCTS	116.5	147.0	185.3
PETROLEUM REFINING	139.1	167.3	201.3
PRIMARY METALS	105.0	112.4	120.2
FABRICATED METALS + ORDNANCE	125.8	163.6	212.6
MISCELLANEOUS MANUFACTURING	114.6	143.6	180.0
STONE, CLAY AND GLASS	115.8	147.3	187.4
OTHER MISC. MANUFACTURING	114.1	142.3	177.3
TRANSPORTATION,COMM.,+PUBLUTIL.	111.5	134.6	162.7
TRANSPORTATION	111.0	132.3	157.9
RAILROAD TRANSPORTATION	93.9	104.9	117.1
TRUCKING + WAREHOUSING	116.5	138.7	165.2
OTHER TRANSPORTATION SERVICES	115.7	142.4	175.2
LOCAL AND SUBURBAN TRANSP.	112.8	133.5	158.2
AIR TRANSPORTATION	116.2	144.0	178.4
MISC. OTHER TRANSP. SERVICES	113.7	137.1	163.6
COMMUNICATIONS	111.2	138.4	172.2
UTILITIES (ELEC.,GAS,SANITARY)	114.3	139.4	170.0
WHOLESALE + RETAIL TRADE	114.7	145.4	184.3
FINANCE,INSURANCE AND REAL ESTATE	117.5	146.8	183.5
SERVICES	129.6	175.7	238.2
TOTAL GOVERNMENT	118.1	152.3	197.2
CIVILIAN GOVERNMENT	120.2	157.7	207.1
FEDERAL GOVERNMENT	118.9	148.7	185.8
STATE AND LOCAL GOVERNMENT	121.1	163.9	221.7
ARMED FORCES	103.5	116.3	130.6

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 6
LOS ANGELES, CALIF.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	9,513,841	10,058,700	11,324,054	12,748,400
TOTAL PERSONAL INCOME	31,689,388	37,126,505	48,432,384	63,180,948
TOTAL EARNINGS	25,875,847	30,168,998	38,978,743	50,513,168
PER CAPITA PERSONAL INCOME ($58)	3,331	3,691	4,277	4,956
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.21	1.20	1.20	1.19

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	25,875,847	30,168,998	38,978,743	50,513,168
AGRICULTURE, FORESTRY + FISHERIES	298,517	308,230	311,898	315,736
MINING	140,655	145,813	161,171	178,474
CRUDE PETROLEUM + NAT. GAS	103,770	104,831	112,766	121,301
MINING EXCL. FUELS	36,885	40,982	48,405	57,173
METAL MINING	11,310	13,195	15,560	18,350
NONMETALLIC	25,575	27,787	32,845	38,823
CONTRACT CONSTRUCTION	1,270,195	1,641,656	2,124,741	2,749,968
MANUFACTURING	8,227,576	9,267,283	11,570,568	14,475,263
FOOD + KINDRED PRODUCTS	479,682	511,368	615,758	741,454
TEXTILE MILL PRODUCTS	42,444	47,510	58,121	71,102
APPAREL + OTHER TEXTILES	248,352	271,516	325,598	390,455
PRINTING + PUBLISHING	348,384	387,417	497,539	638,961
CHEMICALS + ALLIED PRODUCTS	247,072	296,879	382,624	493,134
LUMBER + FURNITURE	223,370	249,213	284,523	324,836
MACHINERY, ALL	2,281,514	2,563,283	3,307,031	4,268,489
MACHINERY, EXCL. ELECTRICAL	716,948	798,354	997,465	1,246,221
ELECTRICAL EQUIPMENT + SUPPLIES	1,564,566	1,764,929	2,309,566	3,022,268
TRANSPORTATION EQUIPMENT	1,893,045	2,103,445	2,506,916	2,988,368
MOTOR VEHICLES + EQUIPMENT	162,193	225,045	279,394	346,870
TRANSPORTATION EQUIPMENT, EXCL.	1,730,852	1,878,400	2,227,522	2,641,498
OTHER MANUFACTURING	2,463,713	2,836,652	3,592,458	4,558,464
PAPER + ALLIED PRODUCTS	138,787	151,928	187,100	230,412
PETROLEUM REFINING	153,039	205,982	236,842	272,328
PRIMARY METALS	334,213	373,757	439,657	517,175
FABRICATED METALS + ORDNANCE	1,105,493	1,230,762	1,573,999	2,012,973
MISCELLANEOUS MANUFACTURING	732,181	874,223	1,154,860	1,525,576
STONE, CLAY AND GLASS	187,511	215,723	269,219	335,978
OTHER MISC. MANUFACTURING	544,670	658,500	885,641	1,189,598
TRANSPORTATION, COMM., PUBLUTIL.	1,549,965	1,765,636	2,237,749	2,837,654
TRANSPORTATION	892,673	1,021,831	1,292,534	1,636,493
RAILROAD TRANSPORTATION	165,974	158,436	186,380	219,250
TRUCKING + WAREHOUSING	330,922	403,887	521,737	673,966
OTHER TRANSPORTATION SERVICES	395,777	459,508	584,417	743,277
LOCAL AND SUBURBAN TRANSP.	49,261	55,398	67,129	81,344
WATER TRANSPORTATION	68,213	77,078	94,128	114,948
AIR TRANSPORTATION	214,484	252,583	327,613	424,931
MISC. OTHER TRANSP. SERVICES	63,819	74,449	95,547	172,054
COMMUNICATIONS	469,178	526,999	669,255	849,910
UTILITIES (ELEC., GAS, SANITARY)	188,114	216,806	275,960	351,251
WHOLESALE + RETAIL TRADE	4,461,472	5,176,968	6,744,787	8,787,285
FINANCE, INSURANCE AND REAL ESTATE	1,467,934	1,723,507	2,162,380	2,713,024
SERVICES	4,592,044	5,482,307	7,360,591	9,882,294
TOTAL GOVERNMENT	3,867,489	4,657,598	6,304,858	8,573,470
CIVILIAN GOVERNMENT	3,384,404	4,160,267	5,750,614	7,955,807
FEDERAL GOVERNMENT	768,036	932,295	1,217,366	1,589,578
STATE AND LOCAL GOVERNMENT	2,616,368	3,227,972	4,533,248	6,366,229
ARMED FORCES	483,085	497,331	554,244	617,663

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	9,513,841	10,058,700	11,324,054	12,748,400
TOTAL PERSONAL INCOME	31,689,388	37,126,505	48,432,384	63,180,948
TOTAL EARNINGS	25,875,847	30,168,998	38,978,743	50,513,168
PER CAPITA PERSONAL INCOME ($58)	3,331	3,691	4,277	4,956
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.21	1.20	1.20	1.19

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION		105.7	119.0	134.0
TOTAL PERSONAL INCOME		117.2	152.8	199.4
TOTAL EARNINGS		116.6	150.6	195.2
AGRICULTURE, FORESTRY + FISHERIES		103.3	104.5	105.8
MINING		103.7	114.6	126.9
CRUDE PETROLEUM + NAT. GAS		101.0	108.7	116.9
MINING EXCL. FUELS		111.1	131.2	155.0
METAL MINING		116.7	137.6	162.2
NONMETALLIC		108.6	128.4	151.8
CONTRACT CONSTRUCTION		129.2	167.3	216.5
MANUFACTURING		112.6	140.6	175.9
FOOD + KINDRED PRODUCTS		106.6	128.4	154.6
TEXTILE MILL PRODUCTS		111.9	136.9	167.5
APPAREL + OTHER TEXTILES		109.3	131.1	157.2
PRINTING + PUBLISHING		111.2	142.8	183.4
CHEMICALS + ALLIED PRODUCTS		120.2	154.9	199.6
LUMBER + FURNITURE		111.6	127.4	145.4
MACHINERY, ALL		112.4	144.9	187.1
MACHINERY, EXCL. ELECTRICAL		111.4	139.1	173.8
ELECTRICAL EQUIPMENT + SUPPLIES		112.8	147.6	193.2
TRANSPORTATION EQUIPMENT		111.1	132.4	157.9
MOTOR VEHICLES + EQUIPMENT		138.8	172.3	213.9
TRANSPORTATION EQUIPMENT, EXCL.		108.5	128.7	152.6
OTHER MANUFACTURING		115.1	145.8	185.0
PAPER + ALLIED PRODUCTS		109.5	134.8	166.0
PETROLEUM REFINING		134.6	154.8	177.9
PRIMARY METALS		111.8	131.5	154.7
FABRICATED METALS + ORDNANCE		111.3	142.4	182.1
MISCELLANEOUS MANUFACTURING		119.4	157.7	208.4
STONE, CLAY AND GLASS		115.0	143.6	179.2
OTHER MISC. MANUFACTURING		120.9	162.6	218.4
TRANSPORTATION, COMM., + PUBLUTIL.		113.9	144.4	183.1
TRANSPORTATION		114.5	144.8	183.3
RAILROAD TRANSPORTATION		95.5	112.3	132.1
TRUCKING + WAREHOUSING		122.0	157.7	203.7
OTHER TRANSPORTATION SERVICES		116.1	147.7	187.8
LOCAL AND SUBURBAN TRANSP.		112.5	136.3	165.1
WATER TRANSPORTATION		113.0	138.0	168.5
AIR TRANSPORTATION		117.8	152.7	198.1
MISC. OTHER TRANSP. SERVICES		116.7	149.7	191.3
COMMUNICATIONS		112.3	142.6	181.1
UTILITIES (ELEC., GAS, SANITARY)		115.3	146.7	186.7
WHOLESALE + RETAIL TRADE		116.0	151.2	197.0
FINANCE, INSURANCE AND REAL ESTATE		117.4	147.3	184.8
SERVICES		119.4	160.3	215.2
TOTAL GOVERNMENT		120.4	163.0	221.7
CIVILIAN GOVERNMENT		122.9	169.9	235.1
FEDERAL GOVERNMENT		121.4	158.5	207.0
STATE AND LOCAL GOVERNMENT		123.4	173.3	243.3
ARMED FORCES		102.9	114.7	127.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 7
ST. LOUIS, MO.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,311,400	2,406,000	2,562,131	2,728,400
TOTAL PERSONAL INCOME	7,154,880	8,288,605	10,179,433	12,501,499
TOTAL EARNINGS	5,848,788	6,743,609	8,204,541	10,006,200
PER CAPITA PERSONAL INCOME ($58)	3,095	3,445	3,973	4,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.12	1.12	1.11	1.10

EARNINGS BY INDUSTRY

	1967	1970	1975	1980
TOTAL EARNINGS	5,848,788	6,743,609	8,204,541	10,006,200
AGRICULTURE,FORESTRY + FISHERIES	31,774	50,411	50,837	51,268
MINING	24,442	25,233	28,913	33,161
COAL MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	13,965	14,773	17,248	20,140
METAL MINING	3,392	3,505	4,031	4,637
NONMETALLIC	10,573	11,268	13,217	15,503
CONTRACT CONSTRUCTION	388,092	431,574	512,640	608,910
MANUFACTURING	2,161,408	2,404,711	2,869,927	3,432,759
FOOD + KINDRED PRODUCTS	238,139	240,658	263,738	289,030
TEXTILE MILL PRODUCTS	7,448	7,891	8,971	10,199
APPAREL + OTHER TEXTILES	63,459	64,698	69,962	75,653
PRINTING + PUBLISHING	106,915	116,218	136,786	160,992
CHEMICALS + ALLIED PRODUCTS	197,099	230,004	284,580	352,107
LUMBER + FURNITURE	34,568	38,471	44,237	50,867
MACHINERY, ALL	287,544	313,173	383,850	470,540
MACHINERY,EXCL. ELECTRICAL	153,503	169,937	210,567	260,910
ELECTRICAL EQUIPMENT + SUPPLIES	134,041	143,236	173,283	209,630
TRANSPORTATION EQUIPMENT	545,330	660,672	825,629	1,031,780
MOTOR VEHICLES + EQUIPMENT	171,699	240,433	301,963	379,233
TRANSPORTATION EQUIPMENT,EXCL.	373,631	420,239	523,666	652,547
OTHER MANUFACTURING	680,906	732,926	852,174	991,591
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	180,654	196,801	223,478	253,768
FABRICATED METALS + ORDNANCE	203,212	201,363	234,223	272,444
MISCELLANEOUS MANUFACTURING	206,696	231,464	276,316	329,860
STONE, CLAY AND GLASS	69,819	78,638	94,640	113,897
OTHER MISC. MANUFACTURING	136,877	152,826	181,676	215,963
TRANSPORTATION,COMM.,+PUBLUTIL.	514,488	557,219	652,221	764,959
TRANSPORTATION	333,638	355,109	408,515	471,090
RAILROAD TRANSPORTATION	107,374	99,570	106,011	112,869
TRUCKING + WAREHOUSING	155,495	177,652	212,849	255,022
OTHER TRANSPORTATION SERVICES	70,769	77,887	89,655	103,199
LOCAL AND SUBURBAN TRANSP.	24,021	26,715	31,203	36,444
WATER TRANSPORTATION	6,356	7,065	8,246	9,624
AIR TRANSPORTATION	25,091	26,967	29,963	33,291
MISC. OTHER TRANSP. SERVICES	15,301	17,140	20,243	23,840
COMMUNICATIONS	85,401	95,388	115,525	139,913
UTILITIES (ELEC.,GAS,SANITARY)	95,449	106,722	128,181	153,956
WHOLESALE + RETAIL TRADE	1,032,012	1,185,741	1,445,503	1,762,369
FINANCE,INSURANCE AND REAL ESTATE	296,187	351,168	426,347	517,622
SERVICES	768,601	970,514	1,238,448	1,580,339
TOTAL GOVERNMENT	631,784	767,038	979,625	1,254,813
CIVILIAN GOVERNMENT	574,440	702,361	907,082	1,173,448
FEDERAL GOVERNMENT	227,390	274,411	336,193	411,882
STATE AND LOCAL GOVERNMENT	347,050	427,950	570,889	761,566
ARMED FORCES	57,344	64,677	72,543	81,365

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	2,311,400	2,406,000	2,562,131	2,728,400
TOTAL PERSONAL INCOME	7,154,880	8,288,605	10,179,433	12,501,499
TOTAL EARNINGS	5,848,788	6,743,609	8,204,541	10,006,200
PER CAPITA PERSONAL INCOME ($58)	3,095	3,445	3,973	4,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.12	1.12	1.11	1.10

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

	1970	1975	1980
POPULATION	104.1	110.8	118.0
TOTAL PERSONAL INCOME	115.8	142.3	174.7
TOTAL EARNINGS	115.3	140.3	171.1
AGRICULTURE,FORESTRY + FISHERIES	158.7	160.0	161.4
MINING	103.2	118.3	135.7
COAL MINING	98.3	108.3	119.3
CRUDE PETROLEUM + NAT.GAS	113.3	137.5	166.7
MINING EXCL. FUELS	105.8	123.5	144.2
METAL MINING	103.3	118.8	136.7
NONMETALLIC	106.6	125.0	146.6
CONTRACT CONSTRUCTION	111.2	132.1	156.9
MANUFACTURING	111.3	132.8	158.8
FOOD + KINDRED PRODUCTS	101.1	110.7	121.4
TEXTILE MILL PRODUCTS	105.9	120.4	136.9
APPAREL + OTHER TEXTILES	102.0	110.2	119.2
PRINTING + PUBLISHING	108.7	127.9	150.6
CHEMICALS + ALLIED PRODUCTS	116.7	144.4	178.6
LUMBER + FURNITURE	111.3	128.0	147.2
MACHINERY, ALL	108.9	133.5	163.6
MACHINERY,EXCL. ELECTRICAL	110.7	137.2	170.0
ELECTRICAL EQUIPMENT + SUPPLIES	106.9	129.3	156.4
TRANSPORTATION EQUIPMENT	121.2	151.4	189.2
MOTOR VEHICLES + EQUIPMENT	140.0	175.9	220.9
TRANSPORTATION EQUIPMENT,EXCL.	112.5	140.2	174.7
OTHER MANUFACTURING	107.6	125.2	145.6
PAPER + ALLIED PRODUCTS	104.5	125.2	150.0
PETROLEUM REFINING	129.0	139.1	150.1
PRIMARY METALS	108.9	123.7	140.5
FABRICATED METALS + ORDNANCE	99.1	115.3	134.1
MISCELLANEOUS MANUFACTURING	112.0	133.7	159.6
STONE, CLAY AND GLASS	112.6	135.6	163.1
OTHER MISC. MANUFACTURING	111.7	132.7	157.8
TRANSPORTATION,COMM.,+PUBLUTIL.	108.3	126.8	148.7
TRANSPORTATION	106.4	122.4	141.2
RAILROAD TRANSPORTATION	92.7	98.7	105.1
TRUCKING + WAREHOUSING	114.2	136.9	164.0
OTHER TRANSPORTATION SERVICES	110.1	126.7	145.8
LOCAL AND SUBURBAN TRANSP.	111.2	129.9	151.7
WATER TRANSPORTATION	111.2	129.7	151.4
AIR TRANSPORTATION	107.5	119.4	132.7
MISC. OTHER TRANSP. SERVICES	112.0	132.3	155.8
COMMUNICATIONS	111.7	135.3	163.8
UTILITIES (ELEC.,GAS,SANITARY)	111.8	134.3	161.3
WHOLESALE + RETAIL TRADE	114.9	140.1	170.8
FINANCE,INSURANCE AND REAL ESTATE	118.6	143.9	174.8
SERVICES	126.3	161.1	205.6
TOTAL GOVERNMENT	121.4	155.1	198.6
CIVILIAN GOVERNMENT	122.3	157.9	204.3
FEDERAL GOVERNMENT	120.7	147.8	181.1
STATE AND LOCAL GOVERNMENT	123.3	164.5	219.4
ARMED FORCES	112.8	126.5	141.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 8
BOSTON, MASS.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	3,551,662	3,727,900	4,039,369	4,376,800
TOTAL PERSONAL INCOME	11,506,680	13,301,169	16,699,017	20,965,014
TOTAL EARNINGS	9,269,512	10,667,538	13,273,914	16,560,265
PER CAPITA PERSONAL INCOME ($58)	3,240	3,568	4,134	4,790
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.17	1.16	1.16	1.15

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	9,269,512	10,667,538	13,273,914	16,560,265
AGRICULTURE, FORESTRY + FISHERIES	51,965	52,622	53,148	53,787
MINING	4,040	4,854	5,677	6,638
MINING EXCL. FUELS	4,040	4,854	5,677	6,638
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	555,413	625,885	770,435	948,356
MANUFACTURING	2,687,080	2,941,434	3,517,205	4,214,047
FOOD + KINDRED PRODUCTS	181,537	188,646	215,512	246,203
TEXTILE MILL PRODUCTS	88,132	88,731	92,897	97,256
APPAREL + OTHER TEXTILES	116,470	119,825	131,577	144,371
PRINTING + PUBLISHING	200,943	213,422	252,948	299,791
CHEMICALS + ALLIED PRODUCTS	79,388	104,116	122,733	144,678
LUMBER + FURNITURE	44,154	47,795	54,924	63,115
MACHINERY, ALL	828,867	913,884	1,144,986	1,434,687
MACHINERY, EXCL. ELECTRICAL	324,526	358,741	443,574	548,471
ELECTRICAL EQUIPMENT + SUPPLIES	504,341	555,143	701,412	886,216
TRANSPORTATION EQUIPMENT	198,557	224,067	259,678	301,438
MOTOR VEHICLES + EQUIPMENT	33,223	49,600	61,837	77,093
TRANSPORTATION EQUIPMENT, EXCL.	165,334	174,467	197,841	224,345
OTHER MANUFACTURING	949,032	1,040,948	1,242,000	1,482,508
PAPER + ALLIED PRODUCTS	104,426	109,976	133,483	162,013
PETROLEUM REFINING	5,523	7,080	7,567	8,087
PRIMARY METALS	42,415	46,480	53,233	60,967
FABRICATED METALS + ORDNANCE	239,557	265,867	325,608	398,775
MISCELLANEOUS MANUFACTURING	557,111	611,545	722,109	852,666
STONE, CLAY AND GLASS	29,897	34,234	42,737	53,351
OTHER MISC. MANUFACTURING	527,214	577,311	679,372	799,315
TRANSPORTATION, COMM., + PUBL UTIL.	605,949	685,201	836,431	1,021,634
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	37,987	35,754	40,529	45,941
TRUCKING + WAREHOUSING	151,104	179,392	218,434	265,970
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
WATER TRANSPORTATION	53,283	59,956	71,574	85,441
AIR TRANSPORTATION	52,130	61,276	77,874	98,968
MISC. OTHER TRANSP. SERVICES	14,208	17,305	23,131	30,528
COMMUNICATIONS	162,170	180,537	225,190	280,889
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	1,657,733	1,882,535	2,339,248	2,906,743
FINANCE, INSURANCE AND REAL ESTATE	656,597	751,394	906,333	1,093,196
SERVICES	1,744,128	2,165,235	2,807,401	3,640,010
TOTAL GOVERNMENT	1,306,607	1,558,378	2,038,036	2,675,854
CIVILIAN GOVERNMENT	1,171,188	1,419,522	1,884,226	2,505,481
FEDERAL GOVERNMENT	362,696	431,180	535,946	666,167
STATE AND LOCAL GOVERNMENT	808,492	988,342	1,348,280	1,839,314
ARMED FORCES	135,419	138,856	153,810	170,373

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	3,551,662	3,727,900	4,039,369	4,376,800
TOTAL PERSONAL INCOME	11,506,680	13,301,169	16,699,017	20,965,014
TOTAL EARNINGS	9,269,512	10,667,538	13,273,914	16,560,265
PER CAPITA PERSONAL INCOME ($58)	3,240	3,568	4,194	4,790
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.17	1.16	1.16	1.15

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	105.0	113.7	123.2
TOTAL PERSONAL INCOME	115.6	145.1	182.2
TOTAL EARNINGS	115.1	143.2	178.7
AGRICULTURE,FORESTRY + FISHERIES	101.3	102.3	103.5
MINING	120.1	140.5	164.3
MINING EXCL. FUELS	120.1	140.5	164.3
NONMETALLIC	110.0	129.1	151.3
CONTRACT CONSTRUCTION	112.7	138.7	170.7
MANUFACTURING	109.5	130.9	156.8
FOOD + KINDRED PRODUCTS	103.9	118.7	135.6
TEXTILE MILL PRODUCTS	100.7	105.4	110.4
APPAREL + OTHER TEXTILES	102.9	112.9	124.0
PRINTING + PUBLISHING	106.2	125.9	149.2
CHEMICALS + ALLIED PRODUCTS	131.1	154.6	182.2
LUMBER + FURNITURE	108.2	124.4	142.9
MACHINERY, ALL	110.3	138.1	173.1
MACHINERY,EXCL. ELECTRICAL	110.5	136.7	169.0
ELECTRICAL EQUIPMENT + SUPPLIES	110.1	139.1	175.7
TRANSPORTATION EQUIPMENT	112.8	130.8	151.8
MOTOR VEHICLES + EQUIPMENT	149.3	186.1	232.0
TRANSPORTATION EQUIPMENT,EXCL.	105.5	119.7	135.7
OTHER MANUFACTURING	109.7	130.9	156.2
PAPER + ALLIED PRODUCTS	105.3	127.8	155.1
PETROLEUM REFINING	128.2	137.0	146.4
PRIMARY METALS	109.6	125.5	143.7
FABRICATED METALS + ORDNANCE	111.0	135.9	166.5
MISCELLANEOUS MANUFACTURING	109.8	129.6	153.1
STONE, CLAY AND GLASS	114.5	142.9	178.4
OTHER MISC. MANUFACTURING	109.5	128.9	151.6
TRANSPORTATION,COMM.,+PUBLUTIL.	113.1	138.0	168.6
TRANSPORTATION	114.4	139.5	170.1
RAILROAD TRANSPORTATION	94.1	106.7	120.9
TRUCKING + WAREHOUSING	118.7	144.6	176.0
OTHER TRANSPORTATION SERVICES	115.2	142.6	176.3
LOCAL AND SUBURBAN TRANSP.	113.4	136.9	165.4
WATER TRANSPORTATION	112.5	134.3	160.4
AIR TRANSPORTATION	117.5	149.4	189.8
MISC. OTHER TRANSP. SERVICES	121.8	162.8	214.9
COMMUNICATIONS	111.3	138.9	173.2
UTILITIES (ELEC.,GAS,SANITARY)	111.2	131.6	155.8
WHOLESALE + RETAIL TRADE	113.6	141.1	175.3
FINANCE,INSURANCE AND REAL ESTATE	114.4	138.0	166.5
SERVICES	124.1	161.0	208.7
TOTAL GOVERNMENT	119.3	156.0	204.8
CIVILIAN GOVERNMENT	121.2	160.9	213.9
FEDERAL GOVERNMENT	118.9	147.8	183.7
STATE AND LOCAL GOVERNMENT	122.2	166.8	227.5
ARMED FORCES	102.5	113.6	125.8

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,572,812	1,600,100	1,684,771	1,773,900
TOTAL PERSONAL INCOME	4,601,754	5,218,056	6,362,234	7,757,347
TOTAL EARNINGS	3,667,899	4,141,571	5,008,414	6,069,348
PER CAPITA PERSONAL INCOME ($58)	2,926	3,261	3,776	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.06	1.06	1.05

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	3,667,899	4,141,571	5,008,414	6,069,348
AGRICULTURE, FORESTRY + FISHERIES	15,781	16,679	17,119	17,572
MINING	3,433	3,976	4,625	5,383
COAL MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	1,765	1,975	2,251	2,565
CONTRACT CONSTRUCTION	258,599	283,831	332,255	388,938
MANUFACTURING	1,443,017	1,573,727	1,845,205	2,165,754
FOOD + KINDRED PRODUCTS	150,893	152,639	174,369	199,192
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	21,605	22,005	23,744	25,621
PRINTING + PUBLISHING	98,896	105,447	125,581	149,561
CHEMICALS + ALLIED PRODUCTS	121,089	142,120	171,130	206,060
LUMBER + FURNITURE	36,768	41,270	48,022	55,878
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	209,235	223,372	262,454	308,371
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	251,308	294,917	342,500	398,088
MOTOR VEHICLES + EQUIPMENT	102,001	137,789	164,932	197,423
TRANSPORTATION EQUIPMENT, EXCL.	149,307	157,128	177,568	200,665
OTHER MANUFACTURING	472,682	506,286	594,990	700,459
PAPER + ALLIED PRODUCTS	101,524	102,279	121,262	143,719
PETROLEUM REFINING	15,881	21,754	25,608	30,145
PRIMARY METALS	101,608	107,089	115,874	125,379
FABRICATED METALS + ORDNANCE	140,969	149,549	180,755	218,474
MISCELLANEOUS MANUFACTURING	112,700	125,615	151,511	182,742
STONE, CLAY AND GLASS	20,220	21,880	25,240	29,116
OTHER MISC. MANUFACTURING	92,480	103,735	126,271	153,626
TRANSPORTATION, COMM., +PUBLUTIL.	272,252	298,057	355,616	474,906
TRANSPORTATION	175,256	191,800	228,976	273,929
RAILROAD TRANSPORTATION	61,981	58,177	64,634	71,807
TRUCKING + WAREHOUSING	86,967	103,488	127,400	156,836
OTHER TRANSPORTATION SERVICES	26,308	30,135	36,942	45,286
LOCAL AND SUBURBAN TRANSP.	12,601	14,171	16,909	20,176
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	3,081	3,404	3,976	4,582
COMMUNICATIONS	56,387	61,522	74,413	90,003
UTILITIES (ELEC., GAS, SANITARY)	40,609	44,735	52,227	60,974
WHOLESALE + RETAIL TRADE	629,768	705,813	858,946	1,045,293
FINANCE, INSURANCE AND REAL ESTATE	182,898	211,615	256,225	310,238
SERVICES	470,629	583,174	739,220	937,005
TOTAL GOVERNMENT	391,522	464,699	599,203	774,259
CIVILIAN GOVERNMENT	376,681	449,753	583,081	756,868
FEDERAL GOVERNMENT	115,206	135,858	166,665	204,457
STATE AND LOCAL GOVERNMENT	261,475	313,895	416,416	552,411
ARMED FORCES	14,841	14,946	16,122	17,391

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,572,812	1,600,100	1,684,771	1,773,900
TOTAL PERSONAL INCOME	4,601,754	5,218,056	6,362,234	7,757,347
TOTAL EARNINGS	3,667,899	4,141,571	5,008,414	6,069,348
PER CAPITA PERSONAL INCOME ($58)	2,926	3,261	3,776	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.06	1.06	1.05

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	101.7	107.1	112.8
TOTAL PERSONAL INCOME	113.4	138.3	168.6
TOTAL EARNINGS	112.9	136.5	165.5
AGRICULTURE, FORESTRY + FISHERIES	105.7	108.5	111.3
MINING	115.8	134.7	156.8
COAL MINING	103.7	116.3	130.6
MINING EXCL. FUELS	116.9	136.4	159.3
METAL MINING	123.4	147.9	177.1
NONMETALLIC	111.9	127.5	145.3
CONTRACT CONSTRUCTION	109.8	128.5	150.4
MANUFACTURING	109.1	127.9	150.1
FOOD + KINDRED PRODUCTS	101.2	115.6	132.0
TEXTILE MILL PRODUCTS	102.2	110.6	119.7
APPAREL + OTHER TEXTILES	101.9	109.9	118.6
PRINTING + PUBLISHING	106.6	127.0	151.2
CHEMICALS + ALLIED PRODUCTS	117.4	141.3	170.2
LUMBER + FURNITURE	112.2	130.6	152.0
MACHINERY, ALL	106.8	126.3	149.4
MACHINERY, EXCL. ELECTRICAL	106.8	125.4	147.4
ELECTRICAL EQUIPMENT + SUPPLIES	106.7	128.7	155.1
TRANSPORTATION EQUIPMENT	117.4	136.3	158.4
MOTOR VEHICLES + EQUIPMENT	135.1	161.7	193.6
TRANSPORTATION EQUIPMENT, EXCL.	105.2	118.9	134.4
OTHER MANUFACTURING	107.1	125.9	148.2
PAPER + ALLIED PRODUCTS	100.7	119.4	141.6
PETROLEUM REFINING	137.0	161.2	189.8
PRIMARY METALS	105.4	116.0	123.4
FABRICATED METALS + ORDNANCE	106.1	128.2	155.0
MISCELLANEOUS MANUFACTURING	111.5	134.4	162.1
STONE, CLAY AND GLASS	108.2	124.8	144.0
OTHER MISC. MANUFACTURING	112.2	136.5	166.1
TRANSPORTATION, COMM., +PUBLUTIL.	109.5	130.6	156.1
TRANSPORTATION	109.4	130.7	156.3
RAILROAD TRANSPORTATION	93.9	104.3	115.9
TRUCKING + WAREHOUSING	119.0	146.5	180.3
OTHER TRANSPORTATION SERVICES	114.5	140.4	172.1
LOCAL AND SUBURBAN TRANSP.	112.5	134.2	160.1
WATER TRANSPORTATION	119.8	155.7	202.2
AIR TRANSPORTATION	117.9	150.3	191.6
MISC. OTHER TRANSP. SERVICES	110.5	129.0	148.7
COMMUNICATIONS	109.1	132.0	159.6
UTILITIES (ELEC., GAS, SANITARY)	110.2	128.6	150.1
WHOLESALE + RETAIL TRADE	112.1	136.4	166.0
FINANCE, INSURANCE AND REAL ESTATE	115.7	140.1	169.6
SERVICES	123.9	157.1	199.1
TOTAL GOVERNMENT	118.7	153.0	197.8
CIVILIAN GOVERNMENT	119.4	156.8	200.9
FEDERAL GOVERNMENT	117.9	146.7	177.5
STATE AND LOCAL GOVERNMENT	120.0	159.3	211.3
ARMED FORCES	100.7	108.6	117.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	3,968,300	4,168,900	4,614,385	5,107,500
TOTAL PERSONAL INCOME	14,574,112	16,925,600	21,467,490	27,228,008
TOTAL EARNINGS	11,644,996	13,489,703	17,011,244	21,507,404
PER CAPITA PERSONAL INCOME ($58)	3,673	4,060	4,652	5,331
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.32	1.30	1.28

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	11,644,996	13,489,703	17,011,244	21,507,404
AGRICULTURE,FORESTRY + FISHERIES	96,670	106,638	107,069	107,568
MINING	20,514	17,710	20,598	23,959
CRUDE PETROLEUM + NAT.GAS	2,434	2,879	3,358	3,916
MINING EXCL. FUELS	18,080	14,831	17,240	20,043
METAL MINING	1,186	1,473	1,762	2,108
NONMETALLIC	16,894	13,358	15,478	17,935
CONTRACT CONSTRUCTION	760,506	863,931	1,081,987	1,355,071
MANUFACTURING	2,634,640	2,998,528	3,728,362	4,648,749
FOOD + KINDRED PRODUCTS	372,468	387,504	443,751	508,158
TEXTILE MILL PRODUCTS	4,828	5,101	5,730	6,436
APPAREL + OTHER TEXTILES	44,594	48,471	57,613	68,478
PRINTING + PUBLISHING	185,090	202,871	251,438	311,633
CHEMICALS + ALLIED PRODUCTS	119,454	136,895	164,384	197,391
LUMBER + FURNITURE	51,866	54,227	60,502	67,503
MACHINERY, ALL	735,565	835,566	1,091,897	1,427,184
MACHINERY,EXCL. ELECTRICAL	255,875	290,598	371,937	476,040
ELECTRICAL EQUIPMENT + SUPPLIES	479,690	544,968	719,960	951,144
TRANSPORTATION EQUIPMENT	152,287	207,515	255,417	314,525
MOTOR VEHICLES + EQUIPMENT	102,347	153,313	191,157	238,339
TRANSPORTATION EQUIPMENT,EXCL.	49,940	54,202	64,260	76,186
OTHER MANUFACTURING	968,488	1,120,378	1,397,630	1,747,441
PAPER + ALLIED PRODUCTS	78,638	82,041	98,911	119,248
PETROLEUM REFINING	114,419	155,460	181,087	210,935
PRIMARY METALS	111,870	122,215	139,322	158,821
FABRICATED METALS + ORDNANCE	507,843	582,144	754,138	976,937
MISCELLANEOUS MANUFACTURING	155,718	178,518	224,172	281,500
STONE, CLAY AND GLASS	82,386	96,348	124,329	160,438
OTHER MISC. MANUFACTURING	73,332	82,170	99,843	121,062
TRANSPORTATION,COMM.,+PUBLUTIL.	1,196,520	1,331,526	1,606,216	1,939,143
TRANSPORTATION	818,707	912,291	1,090,548	1,304,716
RAILROAD TRANSPORTATION	96,069	90,358	102,332	115,893
TRUCKING + WAREHOUSING	182,283	219,913	274,921	343,689
OTHER TRANSPORTATION SERVICES	540,355	602,020	713,295	845,134
LOCAL AND SUBURBAN TRANSP.	50,953	54,422	60,400	67,035
WATER TRANSPORTATION	194,126	212,081	244,111	280,979
AIR TRANSPORTATION	243,181	273,576	328,568	394,615
MISC. OTHER TRANSP. SERVICES	52,095	61,941	80,216	102,505
COMMUNICATIONS	243,317	268,039	333,477	414,887
UTILITIES (ELEC.,GAS,SANITARY)	134,496	151,196	182,191	219,540
WHOLESALE + RETAIL TRADE	2,013,757	2,309,260	2,920,337	3,693,102
FINANCE,INSURANCE AND REAL ESTATE	779,287	913,027	1,126,279	1,389,341
SERVICES	1,895,651	2,316,231	3,044,689	4,002,220
TOTAL GOVERNMENT	2,247,451	2,632,852	3,375,707	4,348,251
CIVILIAN GOVERNMENT	1,950,206	2,322,699	3,023,526	3,948,346
FEDERAL GOVERNMENT	625,901	720,380	858,809	1,023,831
STATE AND LOCAL GOVERNMENT	1,324,305	1,602,319	2,164,717	2,924,515
ARMED FORCES	297,245	310,153	352,181	399,905

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	3,968,300	4,168,900	4,614,385	5,107,500
TOTAL PERSONAL INCOME	14,574,112	16,925,600	21,467,490	27,228,008
TOTAL EARNINGS	11,644,996	13,489,703	17,011,244	21,507,404
PER CAPITA PERSONAL INCOME ($58)	3,673	4,060	4,652	5,331
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.32	1.30	1.28
POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967 (1967 = 100.0)				
POPULATION		105.1	116.3	128.7
TOTAL PERSONAL INCOME		116.1	147.3	186.8
TOTAL EARNINGS		115.8	146.1	184.7
AGRICULTURE, FORESTRY + FISHERIES		110.3	110.8	111.3
MINING		86.3	100.4	116.8
CRUDE PETROLEUM + NAT.GAS		118.3	138.0	160.9
MINING EXCL. FUELS		82.0	95.4	110.9
METAL MINING		124.2	148.6	177.7
NONMETALLIC		79.1	91.6	106.2
CONTRACT CONSTRUCTION		113.6	142.3	178.2
MANUFACTURING		113.8	141.5	176.4
FOOD + KINDRED PRODUCTS		104.0	119.1	136.4
TEXTILE MILL PRODUCTS		105.7	118.7	133.3
APPAREL + OTHER TEXTILES		108.7	129.2	153.6
PRINTING + PUBLISHING		109.6	135.8	168.4
CHEMICALS + ALLIED PRODUCTS		114.6	137.6	165.2
LUMBER + FURNITURE		104.6	116.7	130.1
MACHINERY, ALL		113.6	148.4	194.0
MACHINERY, EXCL. ELECTRICAL		113.6	145.4	186.0
ELECTRICAL EQUIPMENT + SUPPLIES		113.6	150.1	198.3
TRANSPORTATION EQUIPMENT		136.3	167.7	206.5
MOTOR VEHICLES + EQUIPMENT		149.5	186.8	232.9
TRANSPORTATION EQUIPMENT, EXCL.		108.5	128.7	152.6
OTHER MANUFACTURING		115.7	144.3	180.4
PAPER + ALLIED PRODUCTS		104.3	125.8	151.6
PETROLEUM REFINING		135.9	158.3	184.4
PRIMARY METALS		109.2	124.5	142.0
FABRICATED METALS + ORDNANCE		114.6	148.5	192.4
MISCELLANEOUS MANUFACTURING		114.6	144.0	180.8
STONE, CLAY AND GLASS		116.9	150.9	194.7
OTHER MISC. MANUFACTURING		112.1	136.2	165.1
TRANSPORTATION, COMM., + PUBLUTIL.		111.3	134.2	162.1
TRANSPORTATION		111.4	133.2	159.4
RAILROAD TRANSPORTATION		94.1	106.5	120.6
TRUCKING + WAREHOUSING		120.6	150.8	188.5
OTHER TRANSPORTATION SERVICES		111.4	132.0	156.4
LOCAL AND SUBURBAN TRANSP.		106.8	118.5	131.6
WATER TRANSPORTATION		109.2	125.7	144.7
AIR TRANSPORTATION		112.5	135.1	162.3
MISC. OTHER TRANSP. SERVICES		118.9	154.0	196.8
COMMUNICATIONS		110.2	137.1	170.5
UTILITIES (ELEC., GAS, SANITARY)		112.4	135.5	163.2
WHOLESALE + RETAIL TRADE		114.7	145.0	183.4
FINANCE, INSURANCE AND REAL ESTATE		117.2	144.5	178.3
SERVICES		122.2	160.6	211.1
TOTAL GOVERNMENT		117.1	150.2	193.5
CIVILIAN GOVERNMENT		119.1	155.0	202.5
FEDERAL GOVERNMENT		115.1	137.2	163.6
STATE AND LOCAL GOVERNMENT		121.0	163.5	220.8
ARMED FORCES		104.3	118.5	134.5

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 11
CLEVELAND, OHIO

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	3,317,635	3,424,000	3,637,944	3,865,200
TOTAL PERSONAL INCOME	10,221,966	11,586,675	14,193,010	17,385,600
TOTAL EARNINGS	8,489,402	9,570,594	11,609,328	14,115,369
PER CAPITA PERSONAL INCOME ($58)	3,081	3,384	3,901	4,498
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.11	1.10	1.09	1.08

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	8,489,402	9,570,594	11,609,328	14,115,369
AGRICULTURE, FORESTRY + FISHERIES	43,857	46,179	47,486	48,831
MINING	19,978	21,795	25,540	29,942
COAL MINING	4,511	4,721	5,427	6,238
CRUDE PETROLEUM + NAT. GAS	2,134	2,452	2,743	3,069
MINING EXCL. FUELS	13,333	14,622	17,370	20,635
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	495,483	549,254	662,516	799,129
MANUFACTURING	3,832,096	4,171,534	4,922,962	5,819,896
FOOD + KINDRED PRODUCTS	145,296	148,900	167,243	187,844
TEXTILE MILL PRODUCTS	20,953	21,141	23,588	26,319
APPAREL + OTHER TEXTILES	44,549	45,960	50,733	56,002
PRINTING + PUBLISHING	162,379	177,240	218,318	268,916
CHEMICALS + ALLIED PRODUCTS	197,565	210,189	248,401	293,557
LUMBER + FURNITURE	44,672	46,926	52,265	58,212
MACHINERY, ALL	917,086	1,004,696	1,236,926	1,523,494
MACHINERY, EXCL. ELECTRICAL	642,008	700,514	850,553	1,032,722
ELECTRICAL EQUIPMENT + SUPPLIES	275,078	304,182	386,373	490,772
TRANSPORTATION EQUIPMENT	501,322	613,624	739,979	892,522
MOTOR VEHICLES + EQUIPMENT	335,395	477,349	579,859	704,384
TRANSPORTATION EQUIPMENT, EXCL.	165,927	136,275	160,120	188,138
OTHER MANUFACTURING	1,798,274	1,902,858	2,185,509	2,513,030
PAPER + ALLIED PRODUCTS	60,027	67,332	85,148	107,676
PETROLEUM REFINING	18,501	25,165	29,357	34,247
PRIMARY METALS	573,899	613,247	677,131	747,675
FABRICATED METALS + ORDNANCE	551,801	557,753	661,371	784,233
MISCELLANEOUS MANUFACTURING	594,046	639,361	732,502	839,199
STONE, CLAY AND GLASS	90,498	101,767	123,499	149,873
OTHER MISC. MANUFACTURING	503,548	537,594	609,003	689,326
TRANSPORTATION, COMM., + PUBL UTIL.	586,575	641,575	759,618	901,142
TRANSPORTATION	382,126	416,736	488,935	575,000
RAILROAD TRANSPORTATION	100,102	90,372	96,460	102,956
TRUCKING + WAREHOUSING	200,248	233,042	278,065	331,783
OTHER TRANSPORTATION SERVICES	81,776	93,322	114,410	140,261
LOCAL AND SUBURBAN TRANSP.	32,065	37,314	46,985	59,163
WATER TRANSPORTATION	21,601	24,124	28,643	34,008
AIR TRANSPORTATION	18,001	20,131	23,953	28,500
MISC. OTHER TRANSP. SERVICES	10,109	11,753	14,829	18,590
COMMUNICATIONS	118,342	130,378	160,802	198,324
UTILITIES (ELEC., GAS, SANITARY)	86,107	94,461	109,881	127,818
WHOLESALE + RETAIL TRADE	1,423,281	1,594,084	1,947,701	2,379,733
FINANCE, INSURANCE AND REAL ESTATE	359,515	416,764	509,421	622,674
SERVICES	1,110,136	1,394,718	1,775,461	2,260,127
TOTAL GOVERNMENT	618,481	734,691	958,623	1,253,895
CIVILIAN GOVERNMENT	587,826	704,900	927,408	1,221,188
FEDERAL GOVERNMENT	155,506	184,925	231,369	289,479
STATE AND LOCAL GOVERNMENT	432,320	519,975	696,039	931,709
ARMED FORCES	30,655	29,791	31,215	32,707

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	3,317,635	3,424,000	3,637,944	3,865,200
TOTAL PERSONAL INCOME	10,221,966	11,586,675	14,193,010	17,385,600
TOTAL EARNINGS	8,489,402	9,570,594	11,609,328	14,115,369
PER CAPITA PERSONAL INCOME ($58)	3,081	3,384	3,901	4,498
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.11	1.10	1.09	1.08

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1967	1970	1975	1980
POPULATION		103.2	109.7	116.5
TOTAL PERSONAL INCOME		113.4	138.8	170.1
TOTAL EARNINGS		112.7	136.8	166.3
AGRICULTURE, FORESTRY + FISHERIES		105.3	108.3	111.3
MINING		109.1	127.8	149.9
COAL MINING		104.7	120.3	138.3
CRUDE PETROLEUM + NAT.GAS		114.9	128.5	143.8
MINING EXCL. FUELS		109.7	130.3	154.8
NONMETALLIC		105.7	125.8	149.6
CONTRACT CONSTRUCTION		110.9	133.7	161.3
MANUFACTURING		108.9	128.5	151.9
FOOD + KINDRED PRODUCTS		102.5	115.1	129.3
TEXTILE MILL PRODUCTS		100.9	112.6	125.6
APPAREL + OTHER TEXTILES		103.2	113.9	125.7
PRINTING + PUBLISHING		109.2	134.4	165.6
CHEMICALS + ALLIED PRODUCTS		106.4	125.7	148.6
LUMBER + FURNITURE		105.0	117.0	130.3
MACHINERY, ALL		109.6	134.9	166.1
MACHINERY, EXCL. ELECTRICAL		109.1	132.5	160.9
ELECTRICAL EQUIPMENT + SUPPLIES		110.6	140.5	178.4
TRANSPORTATION EQUIPMENT		122.4	147.6	178.0
MOTOR VEHICLES + EQUIPMENT		142.3	172.9	210.0
TRANSPORTATION EQUIPMENT, EXCL.		82.1	96.5	113.4
OTHER MANUFACTURING		105.8	121.5	139.7
PAPER + ALLIED PRODUCTS		112.2	141.8	179.4
PETROLEUM REFINING		136.0	158.7	185.1
PRIMARY METALS		106.9	118.0	130.3
FABRICATED METALS + ORDNANCE		101.1	119.9	142.1
MISCELLANEOUS MANUFACTURING		107.6	123.3	141.3
STONE, CLAY AND GLASS		112.5	136.5	165.6
OTHER MISC. MANUFACTURING		106.8	120.9	136.9
TRANSPORTATION, COMM., + PUBLUTIL.		109.4	129.5	153.6
TRANSPORTATION		109.1	128.0	150.5
RAILROAD TRANSPORTATION		90.3	96.4	102.9
TRUCKING + WAREHOUSING		116.4	138.9	165.7
OTHER TRANSPORTATION SERVICES		114.1	139.9	171.5
LOCAL AND SUBURBAN TRANSP.		116.4	146.5	184.5
WATER TRANSPORTATION		111.7	132.6	157.4
AIR TRANSPORTATION		111.8	133.1	158.3
MISC. OTHER TRANSP. SERVICES		116.3	146.7	183.9
COMMUNICATIONS		110.2	135.9	167.6
UTILITIES (ELEC., GAS, SANITARY)		109.7	127.6	148.4
WHOLESALE + RETAIL TRADE		112.0	136.8	167.2
FINANCE, INSURANCE AND REAL ESTATE		115.9	141.7	173.2
SERVICES		125.6	159.9	203.6
TOTAL GOVERNMENT		118.8	155.0	202.7
CIVILIAN GOVERNMENT		119.9	157.8	207.7
FEDERAL GOVERNMENT		118.9	148.8	186.2
STATE AND LOCAL GOVERNMENT		120.3	161.0	215.5
ARMED FORCES		97.2	101.8	106.7

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 12
PITTSBURGH, PA.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	2,386,100	2,377,200	2,443,495	2,511,600
TOTAL PERSONAL INCOME	7,047,182	7,823,333	9,269,704	10,983,369
TOTAL EARNINGS	5,591,975	6,219,550	7,379,464	8,786,695
PER CAPITA PERSONAL INCOME ($58)	2,953	3,291	3,794	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.07	1.07	1.06	1.05

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	5,591,975	6,219,550	7,379,464	8,786,695
AGRICULTURE,FORESTRY + FISHERIES	20,314	21,511	22,291	23,100
MINING	68,159	65,074	70,826	77,100
COAL MINING	61,254	58,484	63,684	69,346
CRUDE PETROLEUM + NAT.GAS	3,972	3,801	3,962	4,129
MINING EXCL. FUELS	2,933	2,789	3,180	3,625
NONMETALLIC	2,933	2,789	3,180	3,625
CONTRACT CONSTRUCTION	355,631	387,146	454,121	532,677
MANUFACTURING	2,231,656	2,371,714	2,692,216	3,065,940
FOOD + KINDRED PRODUCTS	112,857	114,241	125,817	138,563
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	58,900	62,861	75,076	89,665
CHEMICALS + ALLIED PRODUCTS	70,531	80,487	89,717	100,004
LUMBER + FURNITURE	14,600	17,072	19,805	22,975
MACHINERY, ALL	417,775	450,290	546,522	664,023
MACHINERY,EXCL. ELECTRICAL	153,657	162,585	188,779	219,192
ELECTRICAL EQUIPMENT + SUPPLIES	264,118	287,705	357,743	444,831
TRANSPORTATION EQUIPMENT	58,228	67,481	82,861	102,221
MOTOR VEHICLES + EQUIPMENT	8,704	13,624	18,998	26,493
TRANSPORTATION EQUIPMENT,EXCL.	49,524	53,857	63,863	75,728
OTHER MANUFACTURING	1,487,100	1,566,445	1,736,964	1,929,885
PAPER + ALLIED PRODUCTS	22,253	23,868	28,623	34,324
PETROLEUM REFINING	20,498	27,474	31,390	35,864
PRIMARY METALS	999,120	1,048,176	1,126,087	1,209,788
FABRICATED METALS + ORDNANCE	234,299	236,242	280,220	332,385
MISCELLANEOUS MANUFACTURING	210,930	230,685	270,644	317,524
STONE, CLAY AND GLASS	D	D	D	D
OTHER MISC. MANUFACTURING	D	D	D	D
TRANSPORTATION,COMM.,+PUBLUTIL.	421,089	452,200	525,542	611,595
TRANSPORTATION	244,658	260,989	301,510	348,919
RAILROAD TRANSPORTATION	109,449	105,041	115,293	126,545
TRUCKING + WAREHOUSING	88,246	103,018	122,334	145,272
OTHER TRANSPORTATION SERVICES	46,963	52,930	63,883	77,102
LOCAL AND SUBURBAN TRANSP.	16,855	18,862	22,533	26,918
WATER TRANSPORTATION	2,990	3,400	4,154	5,074
AIR TRANSPORTATION	24,369	27,470	33,164	40,037
MISC. OTHER TRANSP. SERVICES	2,749	3,198	4,032	5,073
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	892,312	986,583	1,182,557	1,417,456
FINANCE,INSURANCE AND REAL ESTATE	238,968	274,174	329,591	396,205
SERVICES	825,571	1,030,068	1,296,722	1,632,392
TOTAL GOVERNMENT	538,275	631,080	805,598	1,030,230
CIVILIAN GOVERNMENT	514,364	607,040	779,790	1,002,525
FEDERAL GOVERNMENT	123,818	144,790	176,448	215,028
STATE AND LOCAL GOVERNMENT	390,546	462,250	603,342	787,497
ARMED FORCES	23,911	24,040	25,808	27,705

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 12
PITTSBURGH, PA.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,386,100	2,377,200	2,443,495	2,511,600
TOTAL PERSONAL INCOME	7,047,182	7,823,333	9,269,704	10,983,369
TOTAL EARNINGS	5,591,975	6,219,550	7,379,464	8,786,695
PER CAPITA PERSONAL INCOME ($58)	2,953	3,291	3,794	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.07	1.07	1.06	1.05

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	99.6	102.4	105.3
TOTAL PERSONAL INCOME	111.0	131.5	155.9
TOTAL EARNINGS	111.2	132.0	157.1
AGRICULTURE,FORESTRY + FISHERIES	105.9	109.7	113.7
MINING	95.5	103.9	113.1
COAL MINING	95.5	106.0	113.2
CRUDE PETROLEUM + NAT.GAS	95.7	99.7	104.0
MINING EXCL. FUELS	95.1	108.4	123.6
NONMETALLIC	95.1	108.4	123.6
CONTRACT CONSTRUCTION	108.9	127.7	149.8
MANUFACTURING	106.3	120.6	137.4
FOOD + KINDRED PRODUCTS	101.2	111.5	122.8
TEXTILE MILL PRODUCTS	112.0	139.3	173.1
APPAREL + OTHER TEXTILES	110.0	132.2	158.8
PRINTING + PUBLISHING	106.7	127.5	152.2
CHEMICALS + ALLIED PRODUCTS	114.1	127.2	141.8
LUMBER + FURNITURE	116.9	135.7	157.4
MACHINERY, ALL	107.8	130.8	158.9
MACHINERY,EXCL. ELECTRICAL	105.8	122.9	142.7
ELECTRICAL EQUIPMENT + SUPPLIES	108.9	135.4	168.4
TRANSPORTATION EQUIPMENT	115.9	142.3	175.6
MOTOR VEHICLES + EQUIPMENT	156.5	218.3	304.4
TRANSPORTATION EQUIPMENT,EXCL.	108.7	129.0	152.9
OTHER MANUFACTURING	105.3	116.8	129.8
PAPER + ALLIED PRODUCTS	107.3	128.6	154.2
PETROLEUM REFINING	134.0	153.1	175.0
PRIMARY METALS	104.9	112.7	121.1
FABRICATED METALS + ORDNANCE	100.8	119.6	141.9
MISCELLANEOUS MANUFACTURING	109.4	128.3	150.5
STONE, CLAY AND GLASS	108.3	125.2	144.7
OTHER MISC. MANUFACTURING	111.6	134.6	162.1
TRANSPORTATION,COMM.,+PUBLUTIL.	107.4	124.8	145.2
TRANSPORTATION	106.7	123.2	142.6
RAILROAD TRANSPORTATION	96.0	105.3	115.6
TRUCKING + WAREHOUSING	116.7	138.6	164.6
OTHER TRANSPORTATION SERVICES	112.7	136.0	164.2
LOCAL AND SUBURBAN TRANSP.	111.9	133.7	159.7
WATER TRANSPORTATION	113.7	138.9	169.7
AIR TRANSPORTATION	112.7	136.1	164.3
MISC. OTHER TRANSP. SERVICES	116.3	146.7	184.5
COMMUNICATIONS	108.6	131.1	158.3
UTILITIES (ELEC.,GAS,SANITARY)	108.2	123.8	141.6
WHOLESALE + RETAIL TRADE	110.6	132.5	158.9
FINANCE,INSURANCE AND REAL ESTATE	114.7	137.9	165.8
SERVICES	124.8	157.1	197.7
TOTAL GOVERNMENT	117.2	149.7	191.4
CIVILIAN GOVERNMENT	118.0	151.6	194.9
FEDERAL GOVERNMENT	116.9	142.5	173.7
STATE AND LOCAL GOVERNMENT	118.4	154.5	201.6
ARMED FORCES	100.5	107.9	115.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,331,600	1,385,600	1,488,293	1,598,600
TOTAL PERSONAL INCOME	3,885,101	4,475,390	5,540,081	6,858,104
TOTAL EARNINGS	3,174,591	3,639,387	4,461,658	5,487,169
PER CAPITA PERSONAL INCOME ($58)	2,918	3,230	3,722	4,290
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.05	1.04	1.03
EARNINGS BY INDUSTRY				
TOTAL EARNINGS	3,174,591	3,639,387	4,461,658	5,487,169
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	182,876	206,095	253,034	310,661
MANUFACTURING	1,342,920	1,515,169	1,788,467	2,115,951
FOOD + KINDRED PRODUCTS	87,280	89,179	98,880	109,635
TEXTILE MILL PRODUCTS	8,009	8,635	9,383	10,196
APPAREL + OTHER TEXTILES	13,072	13,737	15,513	17,519
PRINTING + PUBLISHING	62,589	67,054	79,914	95,239
CHEMICALS + ALLIED PRODUCTS	126,497	149,008	167,665	188,656
LUMBER + FURNITURE	17,560	18,940	21,537	24,491
MACHINERY, ALL	228,049	243,747	291,039	347,826
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	271,140	354,292	440,389	547,761
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	528,724	570,577	664,147	774,628
PAPER + ALLIED PRODUCTS	45,339	46,626	55,518	66,104
PETROLEUM REFINING	6,070	7,762	8,270	8,811
PRIMARY METALS	246,459	265,148	295,717	329,813
FABRICATED METALS + ORDNANCE	94,531	96,648	113,716	133,797
MISCELLANEOUS MANUFACTURING	136,325	154,393	190,926	236,103
STONE, CLAY AND GLASS	63,180	71,553	88,484	109,422
OTHER MISC. MANUFACTURING	73,145	82,840	102,442	126,681
TRANSPORTATION,COMM.,+PUBLUTIL.	233,197	253,434	300,071	356,245
TRANSPORTATION	155,213	166,914	195,510	229,722
RAILROAD TRANSPORTATION	57,453	52,659	56,642	60,926
TRUCKING + WAREHOUSING	58,814	69,533	83,904	101,245
OTHER TRANSPORTATION SERVICES	38,946	44,722	54,964	67,551
LOCAL AND SUBURBAN TRANSP.	17,858	20,275	24,514	29,638
WATER TRANSPORTATION	8,725	9,866	11,854	14,242
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	483,778	546,850	677,944	840,456
FINANCE,INSURANCE AND REAL ESTATE	119,174	140,316	174,303	216,521
SERVICES	387,689	480,779	623,055	807,432
TOTAL GOVERNMENT	394,975	470,462	617,466	811,461
CIVILIAN GOVERNMENT	375,060	449,569	593,997	785,098
FEDERAL GOVERNMENT	61,353	73,910	93,534	118,369
STATE AND LOCAL GOVERNMENT	313,707	375,659	500,463	666,729
ARMED FORCES	19,915	20,893	23,469	26,363

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	1,331,600	1,385,600	1,488,293	1,598,600
TOTAL PERSONAL INCOME	3,885,101	4,475,390	5,540,081	6,858,104
TOTAL EARNINGS	3,174,591	3,639,387	4,461,658	5,487,169
PER CAPITA PERSONAL INCOME ($58)	2,918	3,230	3,722	4,290
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.05	1.04	1.03

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION		104.1	111.8	120.1
TOTAL PERSONAL INCOME		115.2	142.6	176.5
TOTAL EARNINGS		114.6	140.5	172.8
AGRICULTURE,FORESTRY + FISHERIES		84.4	86.5	88.5
MINING		119.8	137.5	157.9
CRUDE PETROLEUM + NAT.GAS		109.7	133.9	163.7
MINING EXCL. FUELS		120.3	137.7	157.6
NONMETALLIC		100.3	115.0	131.9
CONTRACT CONSTRUCTION		112.7	138.4	169.9
MANUFACTURING		112.8	133.2	157.6
FOOD + KINDRED PRODUCTS		102.2	113.3	125.6
TEXTILF MILL PRODUCTS		107.8	117.2	127.3
APPAREL + OTHER TEXTILES		105.1	118.7	134.0
PRINTING + PUBLISHING		107.1	127.7	152.2
CHEMICALS + ALLIED PRODUCTS		117.8	132.5	149.1
LUMBER + FURNITURE		107.9	122.6	139.5
MACHINFRY, ALL		106.9	127.6	152.5
MACHINERY,EXCL. ELECTRICAL		105.6	122.4	141.7
ELECTRICAL EQUIPMENT + SUPPLIES		108.2	133.2	163.9
TRANSPORTATION EQUIPMENT		130.7	162.4	202.0
MOTOR VEHICLES + EQUIPMENT		140.5	177.2	223.5
TRANSPORTATION EQUIPMENT,EXCL.		108.9	129.5	156.1
OTHER MANUFACTURING		107.9	125.6	146.5
PAPER + ALLIED PRODUCTS		102.8	122.5	165.8
PETROLEUM REFINING		127.9	136.2	145.2
PRIMARY METALS		107.6	120.0	133.8
FABRICATED METALS + ORDNANCE		102.2	120.3	141.5
MISCFLLANEOUS MANUFACTURING		113.3	140.1	173.2
STONE, CLAY AND GLASS		113.3	140.1	173.2
OTHER MISC. MANUFACTURING		113.3	140.1	173.2
TRANSPORTATION,COMM.,+PUBLUTIL.		108.7	128.7	152.8
TRANSPORTATION		107.5	126.0	148.0
RAILROAD TRANSPORTATION		91.7	98.6	106.0
TRUCKING + WAREHOUSING		118.2	142.7	172.1
OTHER TRANSPORTATION SERVICES		114.8	141.1	173.4
LOCAL AND SUBURBAN TRANSP.		113.5	137.3	166.0
WATER TRANSPORTATION		113.1	135.9	163.2
AIR TRANSPORTATION		119.0	153.4	197.7
MISC. OTHER TRANSP. SERVICES		114.6	141.1	172.0
COMMUNICATIONS		111.7	139.5	174.3
UTILITIES (ELEC.,GAS,SANITARY)		110.2	128.2	149.3
WHOLESALE + RETAIL TRADE		113.0	140.1	173.7
FINANCE,INSURANCE AND REAL ESTATE		117.7	146.3	181.7
SERVICES		124.0	160.7	208.3
TOTAL GOVERNMENT		119.1	156.3	205.4
CIVILIAN GOVERNMENT		119.9	158.4	209.3
FEDERAL GOVERNMENT		120.5	152.5	192.9
STATE AND LOCAL GOVERNMENT		119.7	159.5	212.5
ARMED FORCES		104.9	117.8	132.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 14
KANSAS CITY

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,190,000	1,239,246	1,340,482	1,450,000
TOTAL PERSONAL INCOME	3,760,423	4,362,338	5,522,491	6,991,101
TOTAL EARNINGS	3,148,062	3,679,621	4,573,778	5,702,759
PER CAPITA PERSONAL INCOME ($58)	3,160	3,520	4,120	4,821
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.14	1.15	1.15	1.16

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	3,148,062	3,679,621	4,573,778	5,702,759
AGRICULTURE, FORESTRY + FISHERIES	29,900	29,288	29,750	30,222
MINING	3,936	3,814	4,173	4,567
COAL MINING	D	D	D	D
CRUDE PETROLEUM + NAT. GAS	379	370	382	395
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	3,465	3,354	3,690	4,059
CONTRACT CONSTRUCTION	190,457	237,211	292,199	359,934
MANUFACTURING	879,747	1,036,073	1,293,297	1,623,744
FOOD + KINDRED PRODUCTS	93,100	93,746	102,274	111,466
TEXTILE MILL PRODUCTS	812	885	995	1,119
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	85,265	94,753	117,761	146,353
CHEMICALS + ALLIED PRODUCTS	69,258	81,647	106,207	138,155
LUMBER + FURNITURE	16,664	18,136	20,089	22,253
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	77,385	91,869	124,024	167,433
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	113,195	162,190	199,412	245,202
MOTOR VEHICLES + EQUIPMENT	107,473	156,077	192,286	236,894
TRANSPORTATION EQUIPMENT, EXCL.	5,722	6,113	7,126	8,308
OTHER MANUFACTURING	271,895	318,706	391,574	482,308
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	109,698	137,236	174,786	222,609
MISCELLANEOUS MANUFACTURING	69,798	80,066	100,614	126,436
STONE, CLAY AND GLASS	36,912	42,139	52,590	65,632
OTHER MISC. MANUFACTURING	32,886	37,927	48,024	60,804
TRANSPORTATION, COMM., + PUBL. UTIL.	392,477	427,699	497,195	577,316
TRANSPORTATION	287,918	310,130	352,323	398,752
RAILROAD TRANSPORTATION	79,958	74,660	82,549	91,271
TRUCKING + WAREHOUSING	84,732	98,470	116,774	138,481
OTHER TRANSPORTATION SERVICES	123,228	137,000	153,000	169,000
LOCAL AND SUBURBAN TRANSP.	14,270	15,183	15,768	16,382
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	9,693	11,241	13,265	15,558
COMMUNICATIONS	57,934	64,803	81,046	101,360
UTILITIES (ELEC., GAS, SANITARY)	46,625	52,766	63,826	77,204
WHOLESALE + RETAIL TRADE	633,080	712,069	876,964	1,080,036
FINANCE, INSURANCE AND REAL ESTATE	205,809	238,500	290,224	353,160
SERVICES	428,987	529,505	689,203	897,054
TOTAL GOVERNMENT	383,669	465,462	600,773	776,726
CIVILIAN GOVERNMENT	346,862	417,781	544,521	710,363
FEDERAL GOVERNMENT	160,705	192,467	242,622	305,844
STATE AND LOCAL GOVERNMENT	186,157	225,314	301,899	404,519
ARMED FORCES	36,807	47,681	56,252	66,363

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,190,000	1,239,246	1,340,482	1,450,000
TOTAL PERSONAL INCOME	3,760,423	4,362,338	5,522,491	6,991,101
TOTAL EARNINGS	3,148,062	3,679,621	4,573,778	5,702,759
PER CAPITA PERSONAL INCOME ($58)	3,160	3,520	4,120	4,821
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.14	1.15	1.15	1.16

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	104.1	112.7	121.8
TOTAL PERSONAL INCOME	116.0	146.9	185.9
TOTAL EARNINGS	116.9	145.3	181.2
AGRICULTURE, FORESTRY + FISHERIES	98.0	99.5	101.1
MINING	96.9	106.0	116.0
COAL MINING	97.3	108.2	120.5
CRUDE PETROLEUM + NAT.GAS	97.6	100.8	104.2
MINING EXCL. FUELS	96.8	106.5	117.2
METAL MINING	100.0	115.8	131.6
NONMETALLIC	96.8	106.5	117.1
CONTRACT CONSTRUCTION	124.5	153.4	189.0
MANUFACTURING	117.8	147.0	184.6
FOOD + KINDRED PRODUCTS	100.7	109.8	119.7
TEXTILE MILL PRODUCTS	109.0	122.5	137.8
APPAREL + OTHER TEXTILES	100.8	107.3	114.1
PRINTING + PUBLISHING	111.1	138.1	171.6
CHEMICALS + ALLIED PRODUCTS	117.9	153.3	199.5
LUMBER + FURNITURE	108.8	120.6	133.5
MACHINERY, ALL	118.5	163.1	224.3
MACHINERY, EXCL. ELECTRICAL	118.7	160.3	216.4
ELECTRICAL EQUIPMENT + SUPPLIES	118.4	164.9	229.6
TRANSPORTATION EQUIPMENT	143.3	176.2	216.6
MOTOR VEHICLES + EQUIPMENT	145.2	178.9	220.4
TRANSPORTATION EQUIPMENT, EXCL.	106.8	124.5	145.2
OTHER MANUFACTURING	117.2	144.0	177.4
PAPER + ALLIED PRODUCTS	103.6	124.8	150.4
PETROLEUM REFINING	132.3	148.3	166.3
PRIMARY METALS	107.5	120.0	134.0
FABRICATED METALS + ORDNANCE	125.1	159.3	202.9
MISCELLANEOUS MANUFACTURING	114.7	144.2	181.1
STONE, CLAY AND GLASS	114.2	142.5	177.8
OTHER MISC. MANUFACTURING	115.3	146.0	184.9
TRANSPORTATION, COMM., +PUBLUTIL.	109.0	126.7	147.1
TRANSPORTATION	107.7	122.4	138.5
RAILROAD TRANSPORTATION	93.4	103.2	114.1
TRUCKING + WAREHOUSING	116.2	137.8	163.4
OTHER TRANSPORTATION SERVICES	111.2	124.2	137.1
LOCAL AND SUBURBAN TRANSP.	106.4	110.5	114.8
WATER TRANSPORTATION	108.2	115.9	123.5
AIR TRANSPORTATION	111.4	124.9	138.1
MISC. OTHER TRANSP. SERVICES	116.2	136.7	160.9
COMMUNICATIONS	111.9	139.9	175.0
UTILITIES (ELEC.,GAS,SANITARY)	113.2	136.9	165.6
WHOLESALE + RETAIL TRADE	112.5	138.5	170.6
FINANCE, INSURANCE AND REAL ESTATE	115.9	141.0	171.6
SERVICES	123.4	160.7	209.1
TOTAL GOVERNMENT	121.3	156.6	202.4
CIVILIAN GOVERNMENT	120.4	157.0	204.8
FEDERAL GOVERNMENT	119.8	151.0	190.3
STATE AND LOCAL GOVERNMENT	121.0	162.2	217.3
ARMED FORCES	129.5	152.8	180.3
	.0	.0	.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 15
DETROIT, MICH.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	4,113,600	4,395,300	4,657,359	4,935,000
TOTAL PERSONAL INCOME	13,803,701	16,222,868	19,836,622	24,255,455
TOTAL EARNINGS	11,616,170	13,576,918	16,428,814	19,928,282
PER CAPITA PERSONAL INCOME ($58)	3,356	3,691	4,259	4,915
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.21	1.20	1.19	1.18

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	11,616,170	13,576,918	16,428,814	19,928,282
AGRICULTURE,FORESTRY + FISHERIES	21,933	23,233	24,064	24,924
MINING	8,031	8,418	9,801	11,411
CRUDE PETROLEUM + NAT.GAS	251	274	307	344
MINING EXCL. FUELS	7,780	8,144	9,494	11,067
NONMETALLIC	7,780	8,144	9,494	11,067
CONTRACT CONSTRUCTION	668,389	772,137	934,346	1,130,613
MANUFACTURING	5,202,621	5,877,117	6,818,923	7,918,174
FOOD + KINDRED PRODUCTS	165,223	176,691	199,604	225,487
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	138,200	154,477	186,525	225,221
CHEMICALS + ALLIED PRODUCTS	156,841	176,124	206,722	242,634
LUMBER + FURNITURE	28,336	31,474	36,330	41,935
MACHINERY, ALL	1,043,603	1,127,656	1,352,727	1,622,827
MACHINERY,EXCL. ELECTRICAL	958,770	1,035,603	1,239,167	1,482,736
ELECTRICAL EQUIPMENT + SUPPLIES	84,833	92,053	113,560	140,091
TRANSPORTATION EQUIPMENT	2,215,799	2,631,095	2,994,818	3,408,806
MOTOR VEHICLES + EQUIPMENT	2,174,055	2,586,805	2,944,235	3,351,036
TRANSPORTATION EQUIPMENT,EXCL.	41,744	44,290	50,583	57,770
OTHER MANUFACTURING	1,365,962	1,479,745	1,718,057	1,996,933
PAPER + ALLIED PRODUCTS	30,210	31,245	36,888	43,549
PETROLEUM REFINING	9,768	13,287	15,456	17,978
PRIMARY METALS	441,706	472,504	522,275	577,282
FABRICATED METALS + ORDNANCE	662,219	716,714	848,989	1,005,677
MISCELLANEOUS MANUFACTURING	222,059	245,995	294,449	352,447
STONE, CLAY AND GLASS	81,735	90,588	108,503	129,958
OTHER MISC. MANUFACTURING	140,324	155,407	185,946	222,489
TRANSPORTATION,COMM.,+PUBLUTIL.	661,362	744,236	888,743	1,062,921
TRANSPORTATION	358,194	407,851	490,163	589,951
RAILROAD TRANSPORTATION	73,203	70,265	77,705	85,934
TRUCKING + WAREHOUSING	208,280	245,483	297,583	360,739
OTHER TRANSPORTATION SERVICES	76,711	92,103	114,875	143,278
LOCAL AND SUBURBAN TRANSP.	22,819	26,770	32,257	38,869
WATER TRANSPORTATION	7,153	8,157	9,378	10,782
AIR TRANSPORTATION	33,039	40,230	51,163	65,066
MISC. OTHER TRANSP. SERVICES	13,700	16,946	22,077	28,561
COMMUNICATIONS	154,759	176,555	216,869	266,386
UTILITIES (ELEC.,GAS,SANITARY)	148,409	159,830	181,711	206,584
WHOLESALE + RETAIL TRADE	1,834,814	2,142,961	2,630,119	3,228,004
FINANCE,INSURANCE AND REAL ESTATE	498,537	601,105	734,607	897,752
SERVICES	1,517,894	1,924,310	2,452,160	3,124,759
TOTAL GOVERNMENT	1,202,589	1,483,401	1,936,051	2,529,724
CIVILIAN GOVERNMENT	1,156,369	1,435,985	1,883,431	2,471,328
FEDERAL GOVERNMENT	204,164	252,765	316,640	396,649
STATE AND LOCAL GOVERNMENT	952,205	1,183,220	1,566,791	2,074,679
ARMED FORCES	46,220	47,416	57,620	58,396

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	4,113,600	4,395,300	4,657,359	4,935,000
TOTAL PERSONAL INCOME	13,803,701	16,222,868	19,836,672	24,255,455
TOTAL EARNINGS	11,616,170	13,576,918	16,428,814	19,928,282
PER CAPITA PERSONAL INCOME ($58)	3,356	3,691	4,259	4,915
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.21	1.20	1.19	1.18

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	106.8	113.2	120.0
TOTAL PERSONAL INCOME	117.5	143.7	175.7
TOTAL EARNINGS	116.9	141.4	171.6
AGRICULTURE, FORESTRY + FISHERIES	105.9	109.7	113.6
MINING	104.8	122.0	142.1
CRUDE PETROLEUM + NAT. GAS	109.2	122.3	137.1
MINING EXCL. FUELS	104.7	122.0	142.2
NONMETALLIC	104.7	122.0	142.2
CONTRACT CONSTRUCTION	115.5	139.8	169.2
MANUFACTURING	113.0	131.1	152.2
FOOD + KINDRED PRODUCTS	106.9	120.8	136.5
TEXTILE MILL PRODUCTS	112.2	138.5	171.0
APPAREL + OTHER TEXTILES	112.7	140.2	174.4
PRINTING + PUBLISHING	111.8	135.0	163.0
CHEMICALS + ALLIED PRODUCTS	112.3	131.8	154.7
LUMBER + FURNITURE	111.1	128.2	148.0
MACHINERY, ALL	108.1	129.6	155.5
MACHINERY, EXCL. ELECTRICAL	108.0	129.2	154.6
ELECTRICAL EQUIPMENT + SUPPLIES	108.5	133.9	165.1
TRANSPORTATION EQUIPMENT	118.7	135.2	153.8
MOTOR VEHICLES + EQUIPMENT	119.0	135.4	154.1
TRANSPORTATION EQUIPMENT, EXCL.	106.1	121.2	138.4
OTHER MANUFACTURING	108.3	125.8	146.2
PAPER + ALLIED PRODUCTS	103.4	122.1	144.2
PETROLEUM REFINING	136.0	158.2	184.0
PRIMARY METALS	107.0	118.2	130.7
FABRICATED METALS + ORDNANCE	108.2	128.2	151.9
MISCELLANEOUS MANUFACTURING	110.8	132.6	158.7
STONE, CLAY AND GLASS	110.8	132.7	159.0
OTHER MISC. MANUFACTURING	110.7	132.5	158.6
TRANSPORTATION, COMM., +PUBLUTIL.	112.5	134.4	160.7
TRANSPORTATION	113.9	136.8	164.7
RAILROAD TRANSPORTATION	96.0	106.2	117.4
TRUCKING + WAREHOUSING	117.9	142.9	173.2
OTHER TRANSPORTATION SERVICES	120.1	149.8	186.8
LOCAL AND SUBURBAN TRANSP.	117.3	141.4	170.3
WATER TRANSPORTATION	114.0	131.1	150.7
AIR TRANSPORTATION	121.8	156.9	196.9
MISC. OTHER TRANSP. SERVICES	123.7	161.1	208.5
COMMUNICATIONS	114.1	140.1	172.1
UTILITIES (ELEC., GAS, SANITARY)	107.7	122.4	139.2
WHOLESALE + RETAIL TRADE	116.8	143.3	175.9
FINANCE, INSURANCE AND REAL ESTATE	120.6	147.4	180.1
SERVICES	126.8	161.6	205.9
TOTAL GOVERNMENT	123.4	161.0	210.4
CIVILIAN GOVERNMENT	124.2	162.9	213.7
FEDERAL GOVERNMENT	123.8	155.1	194.3
STATE AND LOCAL GOVERNMENT	124.3	164.5	217.9
ARMED FORCES	102.6	113.8	126.3

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 16
BALTIMORE, MD.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,990,000	2,171,200	2,340,512	2,523,000
TOTAL PERSONAL INCOME	5,933,126	7,212,795	9,047,435	11,348,661
TOTAL EARNINGS	4,963,770	6,002,488	7,450,131	9,275,261
PER CAPITA PERSONAL INCOME ($58)	2,981	3,322	3,846	4,498
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.08	1.08	1.08

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	4,963,770	6,002,488	7,450,131	9,275,261
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
CONTRACT CONSTRUCTION	304,852	363,586	448,408	553,017
MANUFACTURING	1,430,644	1,719,675	2,060,329	2,475,645
FOOD + KINDRED PRODUCTS	132,838	137,939	157,428	179,667
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	85,290	97,414	117,908	142,711
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	D	D	D	D
MACHINERY, ALL	192,034	219,593	288,619	380,091
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	117,280	259,923	297,735	341,277
MOTOR VEHICLES + EQUIPMENT	48,789	67,804	81,078	96,951
TRANSPORTATION EQUIPMENT,EXCL.	68,491	192,119	216,657	244,326
OTHER MANUFACTURING	697,823	776,404	928,855	1,112,455
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	310,870	344,680	400,941	466,385
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	123,670	136,112	161,176	190,854
STONE, CLAY AND GLASS	D	D	D	D
OTHER MISC. MANUFACTURING	D	D	D	D
TRANSPORTATION,COMM.,+PUBL.UTIL.	401,296	468,562	564,241	680,481
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	72,835	71,154	78,196	85,934
TRUCKING + WAREHOUSING	89,664	113,566	139,981	172,538
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	8,302	10,538	13,712	17,843
MISC. OTHER TRANSP. SERVICES	7,636	9,491	12,179	15,266
COMMUNICATIONS	77,825	91,299	113,428	140,918
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	807,089	974,461	1,221,280	1,530,606
FINANCE,INSURANCE AND REAL ESTATE	249,664	310,922	387,391	482,664
SERVICES	640,189	817,819	1,065,687	1,388,663
TOTAL GOVERNMENT	1,100,319	1,314,965	1,671,096	2,133,128
CIVILIAN GOVERNMENT	877,535	1,087,583	1,421,013	1,858,079
FEDERAL GOVERNMENT	484,165	583,975	743,394	946,326
STATE AND LOCAL GOVERNMENT	393,370	503,608	677,619	911,753
ARMED FORCES	222,784	227,382	250,083	275,049

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 16
BALTIMORE, MD.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,990,000	2,171,200	2,340,512	2,523,000
TOTAL PERSONAL INCOME	5,933,126	7,212,795	9,047,435	11,348,661
TOTAL EARNINGS	4,963,770	6,002,488	7,450,131	9,275,261
PER CAPITA PERSONAL INCOME ($58)	2,981	3,322	3,866	4,498
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.08	1.08	1.08

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	109.1	117.6	126.8
TOTAL PERSONAL INCOME	121.6	152.5	191.3
TOTAL EARNINGS	120.9	150.1	186.9
AGRICULTURE,FORESTRY + FISHERIES	99.7	94.7	90.1
CONTRACT CONSTRUCTION	119.3	147.1	181.4
MANUFACTURING	120.2	144.0	173.0
FOOD + KINDRED PRODUCTS	103.8	118.5	135.3
TEXTILE MILL PRODUCTS	94.9	101.3	108.1
APPAREL + OTHER TEXTILES	104.4	117.2	131.6
PRINTING + PUBLISHING	114.2	138.2	167.3
CHEMICALS + ALLIED PRODUCTS	119.2	148.0	183.9
LUMBER + FURNITURE	111.0	129.3	150.7
MACHINERY, ALL	114.4	150.3	197.9
MACHINERY,EXCL. ELECTRICAL	111.5	139.5	174.6
ELECTRICAL EQUIPMENT + SUPPLIES	117.0	160.2	219.3
TRANSPORTATION EQUIPMENT	221.6	253.9	291.0
MOTOR VEHICLES + EQUIPMENT	139.0	166.2	198.7
TRANSPORTATION EQUIPMENT,EXCL.	280.5	316.3	356.7
OTHER MANUFACTURING	111.3	133.1	159.4
PAPER + ALLIED PRODUCTS	108.3	134.2	166.3
PETROLEUM REFINING	128.1	136.9	146.2
PRIMARY METALS	110.9	129.0	150.0
FABRICATED METALS + ORDNANCE	112.5	140.3	174.8
MISCELLANEOUS MANUFACTURING	110.1	130.3	154.3
STONE, CLAY AND GLASS	109.1	127.5	149.0
OTHER MISC. MANUFACTURING	110.7	132.1	157.7
TRANSPORTATION,COMM.,+PUBLUTIL.	116.8	140.6	169.6
TRANSPORTATION	116.2	138.8	166.2
RAILROAD TRANSPORTATION	97.7	107.4	118.0
TRUCKING + WAREHOUSING	126.7	156.1	192.4
OTHER TRANSPORTATION SERVICES	120.4	146.3	177.8
LOCAL AND SUBURBAN TRANSP.	116.2	133.8	154.0
WATER TRANSPORTATION	120.7	147.3	179.7
AIR TRANSPORTATION	126.9	165.2	214.9
MISC. OTHER TRANSP. SERVICES	124.3	158.8	199.9
COMMUNICATIONS	117.3	145.7	181.1
UTILITIES (ELEC.,GAS,SANITARY)	118.4	141.6	169.5
WHOLESALE + RETAIL TRADE	120.7	151.3	189.6
FINANCE,INSURANCE AND REAL ESTATE	124.5	155.2	193.3
SERVICES	127.7	166.5	216.9
TOTAL GOVERNMENT	119.5	151.9	193.9
CIVILIAN GOVERNMENT	123.9	161.9	211.7
FEDERAL GOVERNMENT	120.6	153.5	195.5
STATE AND LOCAL GOVERNMENT	128.0	172.3	231.8
ARMED FORCES	102.1	112.3	123.5

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 17
HARTFORD, CONN.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	2,071,700	2,072,800	2,215,592	2,368,200
TOTAL PERSONAL INCOME	6,985,372	7,779,255	9,636,053	11,935,892
TOTAL EARNINGS	5,663,230	6,277,081	7,702,684	9,481,873
PER CAPITA PERSONAL INCOME ($58)	3,372	3,753	4,349	5,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.22	1.22	1.22	1.21

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	5,663,230	6,277,081	7,702,684	9,481,873
AGRICULTURE, FORESTRY + FISHERIES	48,534	48,815	47,193	45,636
MINING	4,421	4,866	5,809	6,935
MINING EXCL. FUELS	4,421	4,866	5,809	6,935
NONMETALLIC	4,421	4,866	5,809	6,935
CONTRACT CONSTRUCTION	331,718	362,135	444,453	545,480
MANUFACTURING	2,415,665	2,574,219	3,052,895	3,630,736
FOOD + KINDRED PRODUCTS	64,632	65,418	75,063	86,130
TEXTILE MILL PRODUCTS	35,463	35,428	36,734	38,088
APPAREL + OTHER TEXTILES	45,711	46,809	51,016	55,601
PRINTING + PUBLISHING	99,920	108,803	133,175	163,005
CHEMICALS + ALLIED PRODUCTS	80,658	79,758	96,357	116,408
LUMBER + FURNITURE	25,613	24,699	28,661	33,259
MACHINERY, ALL	492,846	520,716	607,450	710,140
MACHINERY, EXCL. ELECTRICAL	369,240	385,057	436,856	495,616
ELECTRICAL EQUIPMENT + SUPPLIES	123,606	135,659	170,594	214,524
TRANSPORTATION EQUIPMENT	636,578	727,046	914,654	1,150,865
MOTOR VEHICLES + EQUIPMENT	19,235	25,590	29,947	35,046
TRANSPORTATION EQUIPMENT, EXCL.	617,343	701,456	884,707	1,115,819
OTHER MANUFACTURING	934,244	965,542	1,109,785	1,277,240
PAPER + ALLIED PRODUCTS	88,770	91,442	108,486	128,708
PETROLEUM REFINING	2,673	3,593	4,129	4,744
PRIMARY METALS	155,217	161,151	170,476	180,338
FABRICATED METALS + ORDNANCE	396,424	393,067	459,433	536,998
MISCELLANEOUS MANUFACTURING	291,160	316,289	367,261	426,452
STONE, CLAY AND GLASS	27,147	31,347	39,345	49,383
OTHER MISC. MANUFACTURING	264,013	284,942	327,916	377,069
TRANSPORTATION, COMM., +PUBLUTIL.	287,538	310,894	378,664	461,641
TRANSPORTATION	143,455	155,067	187,652	227,401
RAILROAD TRANSPORTATION	39,655	36,110	40,736	45,956
TRUCKING + WAREHOUSING	68,741	79,937	98,777	122,057
OTHER TRANSPORTATION SERVICES	35,059	39,020	48,139	59,388
LOCAL AND SUBURBAN TRANSP.	22,945	25,247	30,635	37,172
WATER TRANSPORTATION	2,102	2,374	2,988	3,762
AIR TRANSPORTATION	5,472	6,241	7,959	10,151
MISC. OTHER TRANSP. SERVICES	4,540	5,158	6,557	8,303
COMMUNICATIONS	87,190	94,094	117,261	146,133
UTILITIES (ELEC., GAS, SANITARY)	56,893	61,733	73,751	88,107
WHOLESALE + RETAIL TRADE	809,230	895,223	1,118,948	1,398,567
FINANCE, INSURANCE AND REAL ESTATE	396,289	446,855	538,380	648,646
SERVICES	750,454	917,927	1,182,403	1,523,069
TOTAL GOVERNMENT	619,381	716,147	933,939	1,221,163
CIVILIAN GOVERNMENT	556,009	650,680	860,664	1,139,148
FEDERAL GOVERNMENT	123,736	143,869	181,213	228,249
STATE AND LOCAL GOVERNMENT	432,273	506,811	679,451	910,899
ARMED FORCES	63,372	65,467	73,275	82,015

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,071,700	2,072,800	2,215,592	2,368,200
TOTAL PERSONAL INCOME	6,985,372	7,779,255	9,636,053	11,935,892
TOTAL EARNINGS	5,663,230	6,277,081	7,702,684	9,481,873
PER CAPITA PERSONAL INCOME ($58)	3,372	3,753	4,349	5,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.22	1.22	1.22	1.21

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	100.1	106.9	114.3
TOTAL PERSONAL INCOME	111.4	137.9	170.9
TOTAL EARNINGS	110.8	136.0	167.4
AGRICULTURE,FORESTRY + FISHERIES	100.6	97.2	94.0
MINING	110.1	131.4	156.9
MINING EXCL. FUELS	110.1	131.4	156.9
NONMETALLIC	110.1	131.4	156.9
CONTRACT CONSTRUCTION	109.2	134.0	164.4
MANUFACTURING	106.6	126.4	150.3
FOOD + KINDRED PRODUCTS	101.2	116.1	133.3
TEXTILE MILL PRODUCTS	99.9	103.6	107.4
APPAREL + OTHER TEXTILES	102.4	111.6	121.6
PRINTING + PUBLISHING	108.9	133.3	163.1
CHEMICALS + ALLIED PRODUCTS	98.9	119.5	144.3
LUMBER + FURNITURE	96.4	111.9	129.9
MACHINERY, ALL	105.7	123.3	144.1
MACHINERY,EXCL. ELECTRICAL	104.3	118.3	134.2
ELECTRICAL EQUIPMENT + SUPPLIES	109.8	138.0	173.6
TRANSPORTATION EQUIPMENT	114.2	143.7	180.8
MOTOR VEHICLES + EQUIPMENT	133.0	155.7	182.2
TRANSPORTATION EQUIPMENT,EXCL.	113.6	143.3	180.7
OTHER MANUFACTURING	103.4	118.8	136.7
PAPER + ALLIED PRODUCTS	103.0	122.2	145.0
PETROLEUM REFINING	134.4	154.5	177.5
PRIMARY METALS	103.8	109.8	116.2
FABRICATED METALS + ORDNANCE	99.2	115.9	135.5
MISCELLANEOUS MANUFACTURING	108.6	126.1	146.5
STONE, CLAY AND GLASS	115.5	144.9	181.9
OTHER MISC. MANUFACTURING	107.9	124.2	142.8
TRANSPORTATION,COMM.,+PUBLUTIL.	108.1	131.7	160.5
TRANSPORTATION	108.1	130.8	158.5
RAILROAD TRANSPORTATION	91.1	102.7	115.9
TRUCKING + WAREHOUSING	116.3	143.7	177.6
OTHER TRANSPORTATION SERVICES	111.3	137.3	169.4
LOCAL AND SUBURBAN TRANSP.	110.0	133.5	162.0
WATER TRANSPORTATION	112.9	142.2	179.0
AIR TRANSPORTATION	114.1	145.4	185.5
MISC. OTHER TRANSP. SERVICES	113.6	144.4	182.9
COMMUNICATIONS	107.9	134.5	167.6
UTILITIES (ELEC.,GAS,SANITARY)	108.5	129.6	154.9
WHOLESALE + RETAIL TRADE	110.6	138.3	172.8
FINANCE,INSURANCE AND REAL ESTATE	112.8	135.9	163.7
SERVICES	122.3	157.6	203.0
TOTAL GOVERNMENT	115.6	150.8	197.2
CIVILIAN GOVERNMENT	117.0	154.8	204.9
FEDERAL GOVERNMENT	116.3	146.5	184.5
STATE AND LOCAL GOVERNMENT	117.2	157.2	210.7
ARMED FORCES	103.3	115.6	129.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 18
INDIANAPOLIS, IND

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,041,600	1,105,800	1,203,398	1,309,600
TOTAL PERSONAL INCOME	3,305,917	3,878,199	4,888,907	6,163,036
TOTAL EARNINGS	2,817,184	3,285,998	4,096,258	5,121,483
PER CAPITA PERSONAL INCOME ($58)	3,174	3,507	4,063	4,706
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.15	1.14	1.14	1.13

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	2,817,184	3,285,998	4,096,258	5,121,483
AGRICULTURE, FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
CRUDE PETROLEUM + NAT. GAS	1,857	2,164	2,503	2,896
MINING EXCL. FUELS	3,688	3,753	4,417	5,198
NONMETALLIC	3,688	3,753	4,417	5,198
CONTRACT CONSTRUCTION	189,458	218,005	271,132	337,207
MANUFACTURING	974,350	1,118,401	1,354,577	1,643,574
FOOD + KINDRED PRODUCTS	62,713	75,895	86,332	98,203
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	55,049	60,466	73,758	89,972
CHEMICALS + ALLIED PRODUCTS	94,383	115,142	146,946	187,533
LUMBER + FURNITURE	12,118	15,972	17,648	19,500
MACHINERY, ALL	257,232	283,659	354,999	444,773
MACHINERY, EXCL. ELECTRICAL	116,951	127,004	153,062	184,466
ELECTRICAL EQUIPMENT + SUPPLIES	140,281	156,655	201,937	260,307
TRANSPORTATION EQUIPMENT	295,813	359,102	432,454	520,809
MOTOR VEHICLES + EQUIPMENT	133,462	180,230	215,611	257,935
TRANSPORTATION EQUIPMENT, EXCL.	162,351	178,872	216,843	262,874
OTHER MANUFACTURING	191,719	202,774	236,692	276,654
PAPER + ALLIED PRODUCTS	25,105	26,129	30,999	36,777
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	71,354	71,367	82,844	96,165
MISCELLANEOUS MANUFACTURING	59,664	66,450	80,140	96,650
STONE, CLAY AND GLASS	16,580	17,952	20,752	23,988
OTHER MISC. MANUFACTURING	43,084	48,498	59,388	72,662
TRANSPORTATION, COMM., +PUBLUTIL.	208,091	233,631	282,842	342,982
TRANSPORTATION	134,060	150,375	180,956	218,269
RAILROAD TRANSPORTATION	32,875	30,611	33,453	36,558
TRUCKING + WAREHOUSING	75,892	89,915	109,732	133,916
OTHER TRANSPORTATION SERVICES	25,293	29,849	37,771	47,795
LOCAL AND SUBURBAN TRANSP.	11,745	13,534	16,528	20,185
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	45,954	51,450	63,713	78,898
UTILITIES (ELEC., GAS, SANITARY)	28,077	31,806	38,173	45,815
WHOLESALE + RETAIL TRADE	508,332	588,955	741,715	934,081
FINANCE, INSURANCE AND REAL ESTATE	190,587	220,567	272,210	335,944
SERVICES	313,718	393,721	519,151	684,540
TOTAL GOVERNMENT	374,396	453,470	594,754	782,473
CIVILIAN GOVERNMENT	343,778	421,821	559,300	742,756
FEDERAL GOVERNMENT	125,883	152,341	191,314	240,256
STATE AND LOCAL GOVERNMENT	217,895	269,480	367,986	502,500
ARMED FORCES	30,618	31,649	35,454	39,717

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 18
INDIANAPOLIS, IND

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,041,600	1,105,800	1,203,398	1,309,600
TOTAL PERSONAL INCOME	3,305,917	3,878,199	4,888,907	6,163,036
TOTAL EARNINGS	2,817,184	3,285,998	4,096,258	5,121,483
PER CAPITA PERSONAL INCOME ($58)	3,174	3,507	4,063	4,706
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.15	1.14	1.14	1.13

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	106.2	115.5	125.7
TOTAL PERSONAL INCOME	117.3	147.9	186.4
TOTAL EARNINGS	116.6	145.4	181.8
AGRICULTURE, FORESTRY + FISHERIES	101.5	100.8	100.1
MINING	103.4	119.1	137.6
CRUDE PETROLEUM + NAT.GAS	116.5	134.8	156.0
MINING EXCL. FUELS	101.8	119.8	140.9
NONMETALLIC	101.8	119.8	140.9
CONTRACT CONSTRUCTION	115.1	143.1	178.0
MANUFACTURING	114.8	139.0	168.7
FOOD + KINDRED PRODUCTS	121.0	137.7	156.6
TEXTILE MILL PRODUCTS	111.1	133.3	166.7
APPAREL + OTHER TEXTILES	101.3	107.9	115.1
PRINTING + PUBLISHING	109.8	134.0	163.4
CHEMICALS + ALLIED PRODUCTS	122.0	155.7	198.7
LUMBER + FURNITURE	131.8	145.6	160.9
MACHINERY, ALL	110.3	138.0	172.[illegible]
MACHINERY, EXCL. ELECTRICAL	108.6	130.9	157.7
ELECTRICAL EQUIPMENT + SUPPLIES	111.7	144.0	185.6
TRANSPORTATION EQUIPMENT	121.4	146.2	176.1
MOTOR VEHICLES + EQUIPMENT	135.0	161.6	193.3
TRANSPORTATION EQUIPMENT, EXCL.	110.2	133.6	161.9
OTHER MANUFACTURING	105.8	123.5	144.3
PAPER + ALLIED PRODUCTS	104.1	123.5	146.5
PETROLEUM REFINING	140.7	171.5	209.0
PRIMARY METALS	105.5	114.1	123.5
FABRICATED METALS + ORDNANCE	100.0	116.1	134.8
MISCELLANEOUS MANUFACTURING	111.4	134.3	162.0
STONE, CLAY AND GLASS	108.3	125.2	144.7
OTHER MISC. MANUFACTURING	112.6	137.8	168.7
TRANSPORTATION, COMM., + PUBLUTIL.	112.3	135.9	164.8
TRANSPORTATION	112.2	135.0	162.8
RAILROAD TRANSPORTATION	93.1	101.8	111.2
TRUCKING + WAREHOUSING	118.5	144.6	176.5
OTHER TRANSPORTATION SERVICES	118.0	149.3	189.0
LOCAL AND SUBURBAN TRANSP.	115.2	140.7	171.9
AIR TRANSPORTATION	121.2	158.9	208.5
MISC. OTHER TRANSP. SERVICES	115.8	143.8	175.4
COMMUNICATIONS	112.0	138.6	171.7
UTILITIES (ELEC., GAS, SANITARY)	113.3	136.0	163.2
WHOLESALE + RETAIL TRADE	115.9	145.9	183.8
FINANCE, INSURANCE AND REAL ESTATE	115.7	142.8	176.3
SERVICES	125.5	165.5	218.2
TOTAL GOVERNMENT	121.1	158.9	209.0
CIVILIAN GOVERNMENT	122.7	162.7	216.1
FEDERAL GOVERNMENT	121.0	152.0	190.9
STATE AND LOCAL GOVERNMENT	123.7	168.9	230.6
ARMED FORCES	103.4	115.8	129.7

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 19
MINNEAPOLIS-ST. PAUL, MINN.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,722,319	1,805,062	1,970,012	2,150,000
TOTAL PERSONAL INCOME	5,712,932	6,624,167	8,330,812	10,476,950
TOTAL EARNINGS	4,771,440	5,503,358	6,914,345	8,706,718
PER CAPITA PERSONAL INCOME ($58)	3,317	3,670	4,279	4,873
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.20	1.20	1.18	1.17

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	4,771,440	5,503,358	6,914,345	8,706,718
AGRICULTURE, FORESTRY + FISHERIES	20,951	21,105	22,773	24,572
MINING	5,828	6,302	7,501	8,929
CRUDE PETROLEUM + NAT. GAS	506	595	685	789
MINING EXCL. FUELS	5,322	5,707	6,816	8,140
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	329,037	366,397	447,718	547,090
MANUFACTURING	1,467,397	1,634,236	2,009,030	2,476,162
FOOD + KINDRED PRODUCTS	191,954	197,993	223,926	253,255
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	115,855	124,339	149,587	179,961
CHEMICALS + ALLIED PRODUCTS	31,136	34,305	39,468	45,407
LUMBER + FURNITURE	29,816	32,744	36,799	41,356
MACHINERY, ALL	469,575	527,342	672,725	859,595
MACHINERY, EXCL. ELECTRICAL	324,220	359,356	445,699	552,782
ELECTRICAL EQUIPMENT + SUPPLIES	145,355	167,986	227,026	306,813
TRANSPORTATION EQUIPMENT	35,662	47,777	59,095	73,286
MOTOR VEHICLES + EQUIPMENT	27,287	37,630	45,310	54,558
TRANSPORTATION EQUIPMENT, EXCL.	8,375	10,147	13,785	18,728
OTHER MANUFACTURING	569,756	645,680	801,602	995,563
PAPER + ALLIED PRODUCTS	154,620	165,419	200,106	242,064
PETROLEUM REFINING	12,917	18,484	22,955	28,506
PRIMARY METALS	26,523	29,939	35,594	42,317
FABRICATED METALS + ORDNANCE	175,849	201,378	251,166	313,261
MISCELLANEOUS MANUFACTURING	199,847	230,460	291,781	369,415
STONE, CLAY AND GLASS	15,955	17,388	20,115	23,269
OTHER MISC. MANUFACTURING	183,892	213,072	271,666	346,146
TRANSPORTATION, COMM., +PUBLUTIL.	417,320	457,340	551,746	666,687
TRANSPORTATION	294,844	320,780	382,684	457,281
RAILROAD TRANSPORTATION	92,560	86,855	96,757	107,788
TRUCKING + WAREHOUSING	101,352	119,916	147,130	180,517
OTHER TRANSPORTATION SERVICES	100,932	114,009	138,797	168,976
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
WATER TRANSPORTATION	2,493	2,769	3,288	3,905
AIR TRANSPORTATION	69,174	78,884	97,323	120,071
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	62,576	69,634	88,132	111,542
UTILITIES (ELEC., GAS, SANITARY)	59,900	66,926	80,930	97,864
WHOLESALE + RETAIL TRADE	966,923	1,103,727	1,382,674	1,732,131
FINANCE, INSURANCE AND REAL ESTATE	310,231	375,036	461,649	568,260
SERVICES	696,341	871,889	1,143,632	1,500,060
TOTAL GOVERNMENT	557,412	667,326	887,622	1,182,827
CIVILIAN GOVERNMENT	530,602	639,429	856,002	1,146,987
FEDERAL GOVERNMENT	121,015	143,973	181,871	229,744
STATE AND LOCAL GOVERNMENT	409,587	495,456	674,131	917,243
ARMED FORCES	26,810	27,897	31,620	35,840

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,722,319	1,805,062	1,970,012	2,150,000
TOTAL PERSONAL INCOME	5,712,932	6,624,167	8,330,812	10,476,950
TOTAL EARNINGS	4,771,440	5,503,358	6,914,345	8,706,718
PER CAPITA PERSONAL INCOME ($58)	3,317	3,670	4,229	4,873
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.20	1.20	1.18	1.17

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	105.0	114.4	124.8
TOTAL PERSONAL INCOME	116.0	145.8	183.4
TOTAL EARNINGS	115.3	144.9	182.5
AGRICULTURE,FORESTRY + FISHERIES	100.7	108.7	117.3
MINING	108.1	128.7	153.2
CRUDE PETROLEUM + NAT.GAS	117.6	135.4	155.9
MINING EXCL. FUELS	107.2	128.1	153.0
METAL MINING	109.9	127.5	148.4
NONMETALLIC	107.2	128.1	153.0
CONTRACT CONSTRUCTION	111.4	136.1	166.3
MANUFACTURING	111.4	136.9	168.7
FOOD + KINDRED PRODUCTS	103.1	116.7	131.9
TEXTILE MILL PRODUCTS	104.1	114.8	126.7
APPAREL + OTHER TEXTILES	100.7	106.8	113.3
PRINTING + PUBLISHING	107.3	129.1	155.3
CHEMICALS + ALLIED PRODUCTS	110.2	126.8	145.8
LUMBER + FURNITURE	109.8	123.4	138.7
MACHINERY, ALL	112.3	143.3	183.1
MACHINERY,EXCL. ELECTRICAL	110.8	137.5	170.5
ELECTRICAL EQUIPMENT + SUPPLIES	115.6	156.2	211.1
TRANSPORTATION EQUIPMENT	134.0	165.7	205.5
MOTOR VEHICLES + EQUIPMENT	137.9	166.0	199.9
TRANSPORTATION EQUIPMENT,EXCL.	121.2	164.6	223.6
OTHER MANUFACTURING	113.3	140.7	174.7
PAPER + ALLIED PRODUCTS	107.0	129.4	156.6
PETROLEUM REFINING	143.1	177.7	220.7
PRIMARY METALS	112.9	134.2	159.5
FABRICATED METALS + ORDNANCE	114.5	142.8	178.1
MISCELLANEOUS MANUFACTURING	115.3	146.0	184.8
STONE, CLAY AND GLASS	109.0	126.1	145.8
OTHER MISC. MANUFACTURING	115.9	147.7	188.2
TRANSPORTATION,COMM.,+PUBLUTIL.	109.6	132.2	159.8
TRANSPORTATION	108.8	129.8	155.1
RAILROAD TRANSPORTATION	93.8	104.5	116.5
TRUCKING + WAREHOUSING	118.3	145.2	178.1
OTHER TRANSPORTATION SERVICES	113.0	137.5	167.4
LOCAL AND SUBURBAN TRANSP.	111.0	131.6	156.1
WATER TRANSPORTATION	111.1	131.9	156.6
AIR TRANSPORTATION	114.0	140.7	173.6
MISC. OTHER TRANSP. SERVICES	109.2	126.6	145.7
COMMUNICATIONS	111.3	140.8	178.3
UTILITIES (ELEC.,GAS,SANITARY)	111.7	135.1	163.4
WHOLESALE + RETAIL TRADE	114.1	143.0	179.1
FINANCE,INSURANCE AND REAL ESTATE	120.9	148.8	183.2
SERVICES	125.2	164.2	215.4
TOTAL GOVERNMENT	119.7	159.2	212.2
CIVILIAN GOVERNMENT	120.5	161.3	216.2
FEDERAL GOVERNMENT	119.0	150.3	189.8
STATF AND LOCAL GOVERNMENT	121.0	164.6	223.9
ARMED FORCES	104.1	117.9	133.7

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 20
MILWAUKEE, WISC.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	19A0
POPULATION	1,616,131	1,681,152	1,779,229	1,8A3,000
TOTAL PERSONAL INCOME	5,312,996	6,126,861	7,465,559	9,096,753
TOTAL EARNINGS	4,281,468	4,929,060	5,979,1A1	7,277,402
PER CAPITA PERSONAL INCOME ($58)	3,287	3,644	4,196	4,831
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.19	1.19	1.17	1.16

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	104.0	110.1	116.5
TOTAL PERSONAL INCOME	115.3	140.5	171.2
TOTAL EARNINGS	115.1	139.7	170.0
AGRICULTURE,FORESTRY + FISHERIES	90.9	89.5	88.1
MINING	104.0	122.0	143.2
MINING EXCL. FUELS	104.0	122.0	143.2
METAL MINING	130.0	150.0	170.0
NONMETALLIC	103.9	122.0	143.2
CONTRACT CONSTRUCTION	110.2	127.9	148.4
MANUFACTURING	112.9	133.6	158.7
FOOD + KINDRED PRODUCTS	100.3	108.9	118.1
TEXTILE MILL PRODUCTS	90.7	94.9	99.3
APPAREL + OTHER TEXTILES	103.7	115.3	128.2
PRINTING + PUBLISHING	110.1	137.4	171.4
CHEMICALS + ALLIED PRODUCTS	113.9	137.6	166.3
LUMBER + FURNITURE	105.4	117.0	129.8
MACHINERY, ALL	107.4	128.9	155.5
MACHINERY,EXCL. ELECTRICAL	104.2	118.1	133.8
ELECTRICAL EQUIPMENT + SUPPLIES	113.3	149.1	196.3
TRANSPORTATION EQUIPMENT	179.0	213.9	255.6
MOTOR VEHICLES + EQUIPMENT	185.1	221.4	264.9
TRANSPORTATION EQUIPMENT,EXCL.	107.6	125.6	146.6
OTHER MANUFACTURING	105.1	122.6	143.2
PAPER + ALLIED PRODUCTS	106.3	128.3	154.9
PETROLEUM REFINING	128.9	139.9	151.8
PRIMARY METALS	105.8	119.8	135.6
FABRICATED METALS + ORDNANCE	100.0	118.0	139.2
MISCELLANEOUS MANUFACTURING	110.4	131.5	156.6
STONE, CLAY AND GLASS	113.6	140.6	174.0
OTHER MISC. MANUFACTURING	109.9	129.9	153.5
TRANSPORTATION,COMM.,+PUBLUTIL.	111.1	131.5	155.9
TRANSPORTATION	110.5	129.4	151.8
RAILROAD TRANSPORTATION	93.3	102.2	111.9
TRUCKING + WAREHOUSING	115.3	135.6	159.4
OTHER TRANSPORTATION SERVICES	115.3	140.4	171.0
LOCAL AND SUBURBAN TRANSP.	113.6	135.2	161.0
WATER TRANSPORTATION	112.6	132.2	155.3
AIR TRANSPORTATION	121.4	158.0	205.5
MISC. OTHER TRANSP. SERVICES	121.1	157.9	203.8
COMMUNICATIONS	111.5	136.9	168.0
UTILITIES (ELEC.,GAS,SANITARY)	112.4	132.7	156.6
WHOLESALE + RETAIL TRADE	113.9	139.3	170.4
FINANCE,INSURANCE AND REAL ESTATE	117.4	142.6	173.2
SERVICES	126.4	161.6	206.6
TOTAL GOVERNMENT	120.7	158.0	207.3
CIVILIAN GOVERNMENT	121.8	160.7	212.2
FEDERAL GOVERNMENT	121.5	153.4	193.6
STATE AND LOCAL GOVERNMENT	121.8	162.2	215.9
ARMED FORCES	101.6	110.3	119.7

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	1,163,140	1,202,386	1,245,428	1,290,000
TOTAL PERSONAL INCOME	3,283,342	3,735,164	4,596,332	5,656,029
TOTAL EARNINGS	2,511,955	2,857,774	3,509,792	4,327,428
PER CAPITA PERSONAL INCOME ($58)	2,823	3,106	3,691	4,385
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.02	1.01	1.03	1.05

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	2,511,955	2,857,774	3,509,792	4,327,428
AGRICULTURE,FORESTRY + FISHERIES	21,075	20,236	20,120	20,126
MINING	2,412	2,692	3,221	3,855
MINING EXCL. FUELS	2,412	2,692	3,221	3,855
NONMETALLIC	2,412	2,692	3,221	3,855
CONTRACT CONSTRUCTION	149,740	170,223	212,142	264,381
MANUFACTURING	1,043,292	1,138,303	1,344,848	1,594,837
FOOD + KINDRED PRODUCTS	45,742	48,763	57,734	68,354
TEXTILE MILL PRODUCTS	139,563	140,383	146,779	153,464
APPAREL + OTHER TEXTILES	86,683	91,494	104,147	118,594
PRINTING + PUBLISHING	41,108	44,239	53,428	64,525
CHEMICALS + ALLIED PRODUCTS	21,672	29,223	35,826	43,922
LUMBER + FURNITURE	9,378	9,690	10,380	11,118
MACHINERY, ALL	178,770	197,314	247,740	312,210
MACHINERY,EXCL. ELECTRICAL	80,227	85,244	99,540	116,231
ELECTRICAL EQUIPMENT + SUPPLIES	98,543	112,070	148,200	195,979
TRANSPORTATION EQUIPMENT	12,735	16,902	20,540	25,001
MOTOR VEHICLES + EQUIPMENT	7,842	11,714	14,615	18,235
TRANSPORTATION EQUIPMENT,EXCL.	4,893	5,188	5,925	6,766
OTHER MANUFACTURING	507,641	560,295	668,294	797,649
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	80,429	86,694	96,970	108,463
FABRICATED METALS + ORDNANCE	80,254	87,006	103,020	121,982
MISCELLANEOUS MANUFACTURING	321,856	359,443	434,690	525,685
STONE, CLAY AND GLASS	19,733	22,943	29,263	37,324
OTHER MISC. MANUFACTURING	302,123	336,500	405,427	488,361
TRANSPORTATION,COMM.,+PUBLUTIL.	132,514	147,899	176,714	211,191
TRANSPORTATION	63,785	72,403	86,701	103,837
RAILROAD TRANSPORTATION	9,298	9,149	11,009	13,248
TRUCKING + WAREHOUSING	39,862	46,996	56,644	68,272
OTHER TRANSPORTATION SERVICES	14,625	16,258	19,048	22,317
LOCAL AND SUBURBAN TRANSP.	8,285	9,044	10,315	11,764
WATER TRANSPORTATION	3,449	3,883	4,630	5,521
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	34,263	37,420	45,385	55,046
UTILITIES (ELEC.,GAS,SANITARY)	34,466	38,076	44,628	52,308
WHOLESALE + RETAIL TRADE	399,536	455,119	568,076	709,065
FINANCE,INSURANCE AND REAL ESTATE	114,125	130,148	156,187	187,433
SERVICES	325,661	407,411	522,939	671,227
TOTAL GOVERNMENT	323,600	385,743	505,545	665,313
CIVILIAN GOVERNMENT	295,133	355,714	470,963	625,442
FEDERAL GOVERNMENT	64,695	74,332	87,714	103,505
STATE AND LOCAL GOVERNMENT	230,438	281,382	383,229	521,937
ARMED FORCES	28,467	30,029	34,602	39,871

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	1,163,140	1,202,386	1,245,428	1,290,000
TOTAL PERSONAL INCOME	3,283,342	3,735,164	4,596,332	5,656,029
TOTAL EARNINGS	2,511,955	2,857,774	3,509,792	4,327,428
PER CAPITA PERSONAL INCOME ($58)	2,823	3,106	3,691	4,385
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.02	1.01	1.03	1.05
POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967 (1967 = 100.0)				
POPULATION		103.4	107.1	110.9
TOTAL PERSONAL INCOME		113.8	140.0	172.3
TOTAL EARNINGS		113.8	139.7	172.3
AGRICULTURE, FORESTRY + FISHERIES		96.0	95.5	95.5
MINING		111.6	133.5	159.8
MINING EXCL. FUELS		111.6	133.5	159.8
NONMETALLIC		111.6	133.5	159.8
CONTRACT CONSTRUCTION		113.7	141.7	176.6
MANUFACTURING		109.1	128.9	152.9
FOOD + KINDRED PRODUCTS		106.6	126.2	149.4
TEXTILE MILL PRODUCTS		100.6	105.2	110.0
APPAREL + OTHER TEXTILES		105.6	120.2	136.8
PRINTING + PUBLISHING		107.6	130.0	157.0
CHEMICALS + ALLIED PRODUCTS		134.8	165.3	202.7
LUMBER + FURNITURE		103.3	110.7	118.6
MACHINERY, ALL		110.4	138.6	174.6
MACHINERY, EXCL. ELECTRICAL		106.3	124.1	144.9
ELECTRICAL EQUIPMENT + SUPPLIES		113.7	150.4	198.9
TRANSPORTATION EQUIPMENT		132.7	161.3	196.3
MOTOR VEHICLES + EQUIPMENT		149.4	186.4	232.5
TRANSPORTATION EQUIPMENT, EXCL.		106.0	121.1	138.3
OTHER MANUFACTURING		110.4	131.6	157.1
PAPER + ALLIED PRODUCTS		106.9	132.5	164.3
PETROLEUM REFINING		138.3	163.3	192.9
PRIMARY METALS		107.8	120.6	134.9
FABRICATED METALS + ORDNANCE		108.4	128.4	152.0
MISCELLANEOUS MANUFACTURING		111.7	135.1	163.3
STONE, CLAY AND GLASS		116.3	148.3	189.1
OTHER MISC. MANUFACTURING		111.4	134.2	161.6
TRANSPORTATION, COMM., + PUBLUTIL.		111.6	133.4	159.4
TRANSPORTATION		113.5	135.9	162.8
RAILROAD TRANSPORTATION		98.4	118.4	142.5
TRUCKING + WAREHOUSING		117.9	142.1	171.3
OTHER TRANSPORTATION SERVICES		111.2	130.2	152.6
LOCAL AND SUBURBAN TRANSP.		109.2	124.5	142.0
WATER TRANSPORTATION		112.6	136.2	160.1
AIR TRANSPORTATION		115.8	143.1	176.9
MISC. OTHER TRANSP. SERVICES		114.8	141.1	172.1
COMMUNICATIONS		109.2	132.5	160.7
UTILITIES (ELEC., GAS, SANITARY)		110.5	129.5	151.8
WHOLESALE + RETAIL TRADE		113.9	142.2	177.5
FINANCE, INSURANCE AND REAL ESTATE		114.0	136.9	164.2
SERVICES		125.1	160.6	206.1
TOTAL GOVERNMENT		119.2	156.2	205.6
CIVILIAN GOVERNMENT		120.5	159.6	211.9
FEDERAL GOVERNMENT		114.9	135.6	160.0
STATE AND LOCAL GOVERNMENT		122.1	166.3	226.5
ARMED FORCES		105.5	121.6	140.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 22
SEATTLE-TACOMA, WASH.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,717,182	1,797,708	1,942,993	2,100,000
TOTAL PERSONAL INCOME	5,505,285	6,306,901	7,790,154	9,622,200
TOTAL EARNINGS	4,647,122	5,234,728	6,486,150	8,055,589
PER CAPITA PERSONAL INCOME ($58)	3,206	3,508	4,009	4,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.16	1.14	1.12	1.10

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	4,647,122	5,234,728	6,486,150	8,055,589
AGRICULTURE, FORESTRY + FISHERIES	33,174	32,799	34,342	35,979
MINING	6,249	6,749	8,010	9,520
MINING EXCL. FUELS	5,908	6,512	7,772	9,277
METAL MINING	537	599	679	769
NONMETALLIC	5,371	5,913	7,093	8,508
CONTRACT CONSTRUCTION	304,170	337,263	415,251	511,276
MANUFACTURING	1,482,205	1,631,897	1,977,293	2,399,581
FOOD + KINDRED PRODUCTS	97,015	99,648	114,500	131,566
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	15,896	17,265	20,589	24,552
PRINTING + PUBLISHING	46,268	50,065	62,298	77,518
CHEMICALS + ALLIED PRODUCTS	17,532	20,157	24,192	28,939
LUMBER + FURNITURE	106,661	114,099	128,503	144,726
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	53,713	61,484	79,613	103,087
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	943,836	1,044,308	1,267,610	1,538,669
MOTOR VEHICLES + EQUIPMENT	10,288	14,901	18,328	22,543
TRANSPORTATION EQUIPMENT, EXCL.	933,548	1,029,407	1,249,282	1,516,126
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	48,464	52,968	66,128	82,556
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	32,986	35,338	39,182	43,444
FABRICATED METALS + ORDNANCE	48,202	52,313	63,719	77,612
MISCELLANEOUS MANUFACTURING	41,409	47,295	59,133	73,933
STONE, CLAY AND GLASS	26,570	30,007	36,909	45,399
OTHER MISC. MANUFACTURING	14,839	17,288	22,224	28,534
TRANSPORTATION, COMM., + PUBLUTIL.	345,220	381,806	466,373	570,342
TRANSPORTATION	251,547	278,728	338,148	410,824
RAILROAD TRANSPORTATION	50,843	46,505	51,678	57,315
TRUCKING + WAREHOUSING	66,964	78,861	97,218	119,848
OTHER TRANSPORTATION SERVICES	133,740	153,362	189,302	233,661
LOCAL AND SUBURBAN TRANSP.	12,945	14,212	16,398	18,920
WATER TRANSPORTATION	53,959	61,829	76,236	93,999
AIR TRANSPORTATION	54,841	63,966	80,826	102,129
MISC. OTHER TRANSP. SERVICES	11,995	13,355	15,842	18,613
COMMUNICATIONS	74,275	81,377	101,654	126,983
UTILITIES (ELEC., GAS, SANITARY)	19,398	21,701	26,571	32,535
WHOLESALE + RETAIL TRADE	818,825	917,098	1,143,975	1,426,970
FINANCE, INSURANCE AND REAL ESTATE	279,903	310,096	381,845	470,188
SERVICES	596,564	731,496	956,334	1,250,273
TOTAL GOVERNMENT	780,812	885,524	1,102,727	1,381,460
CIVILIAN GOVERNMENT	564,049	661,654	852,196	1,101,091
FEDERAL GOVERNMENT	190,321	218,006	258,205	305,816
STATE AND LOCAL GOVERNMENT	373,728	443,648	593,991	795,275
ARMED FORCES	216,763	223,870	250,531	280,369

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	19R0
POPULATION	1,717,182	1,797,708	1,942,993	2,100,000
TOTAL PERSONAL INCOME	5,505,285	6,306,901	7,790,154	9,622,200
TOTAL EARNINGS	4,647,122	5,234,728	6,486,150	8,055,589
PER CAPITA PERSONAL INCOME ($58)	3,206	3,508	4,009	4,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.16	1.14	1.12	1.10

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	104.7	113.2	122.3
TOTAL PERSONAL INCOME	114.6	141.5	174.8
TOTAL EARNINGS	112.6	139.6	173.3
AGRICULTURE,FORESTRY + FISHERIES	98.9	103.5	108.5
MINING	108.0	128.2	152.3
MINING EXCL. FUELS	110.2	131.6	157.0
METAL MINING	111.5	126.4	143.2
NONMETALLIC	110.1	132.1	158.4
CONTRACT CONSTRUCTION	110.9	136.5	168.1
MANUFACTURING	110.1	133.4	161.9
FOOD + KINDRED PRODUCTS	102.7	118.0	135.6
TEXTILE MILL PRODUCTS	119.9	154.3	198.6
APPAREL + OTHER TEXTILES	108.6	129.5	154.5
PRINTING + PUBLISHING	108.2	134.6	167.5
CHEMICALS + ALLIED PRODUCTS	115.0	137.8	165.1
LUMBER + FURNITURE	107.0	120.5	135.7
MACHINERY, ALL	116.7	156.5	210.4
MACHINERY,EXCL. ELECTRICAL	114.5	148.2	191.9
ELECTRICAL EQUIPMENT + SUPPLIES	121.1	172.9	246.8
TRANSPORTATION EQUIPMENT	110.6	134.3	163.0
MOTOR VEHICLES + EQUIPMENT	144.8	178.1	219.1
TRANSPORTATION EQUIPMENT,EXCL.	110.3	133.8	162.4
OTHER MANUFACTURING	110.2	133.7	162.6
PAPER + ALLIED PRODUCTS	109.3	136.4	170.3
PETROLEUM REFINING	137.2	160.9	188.7
PRIMARY METALS	107.1	118.8	131.7
FABRICATED METALS + ORDNANCE	108.5	132.2	161.0
MISCELLANEOUS MANUFACTURING	114.2	142.8	178.5
STONE, CLAY AND GLASS	112.9	138.9	170.9
OTHER MISC. MANUFACTURING	116.5	149.8	192.3
TRANSPORTATION,COMM.,+PUBLUTIL.	110.6	135.1	165.2
TRANSPORTATION	110.8	134.4	163.3
RAILROAD TRANSPORTATION	91.5	101.5	112.7
TRUCKING + WAREHOUSING	117.8	145.2	179.0
OTHER TRANSPORTATION SERVICES	114.7	141.5	174.7
LOCAL AND SUBURBAN TRANSP.	109.8	126.7	146.2
WATER TRANSPORTATION	114.6	141.3	174.2
AIR TRANSPORTATION	116.6	147.4	186.2
MISC. OTHER TRANSP. SERVICES	111.3	132.1	155.2
COMMUNICATIONS	109.6	136.9	171.0
UTILITIES (ELEC.,GAS,SANITARY)	111.9	137.0	167.7
WHOLESALE + RETAIL TRADE	112.0	139.7	174.3
FINANCE,INSURANCE AND REAL ESTATE	110.8	136.4	168.0
SERVICES	122.6	160.3	209.6
TOTAL GOVERNMENT	113.4	141.2	176.9
CIVILIAN GOVERNMENT	117.3	151.1	195.2
FEDERAL GOVERNMENT	114.5	135.7	160.7
STATE AND LOCAL GOVERNMENT	118.7	158.9	212.8
ARMED FORCES	10[illegible].3	115.6	129.3

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	795,000	823,800	889,017	959,400
TOTAL PERSONAL INCOME	2,335,362	2,660,916	3,325,462	4,155,932
TOTAL EARNINGS	1,923,622	2,180,887	2,699,678	3,349,266
PER CAPITA PERSONAL INCOME ($58)	2,938	3,230	3,741	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.05	1.05	1.04

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,923,622	2,180,887	2,699,678	3,349,266
AGRICULTURE,FORESTRY + FISHERIES	5,972	6,001	5,760	5,529
MINING	3,576	3,838	4,572	5,334
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	3,331	3,604	4,286	5,096
NONMETALLIC	3,331	3,604	4,286	5,096
CONTRACT CONSTRUCTION	136,355	149,991	182,983	223,231
MANUFACTURING	735,786	826,056	1,006,864	1,230,554
FOOD + KINDRED PRODUCTS	D	D	D	D
TEXTILE MILL PRODUCTS	1,548	1,582	1,679	1,783
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	45,859	49,527	60,175	73,113
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	44,909	51,042	58,185	66,329
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	81,066	87,240	103,758	123,403
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	D	D	D	D
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	232,131	259,266	317,272	388,622
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	15,477	15,566	16,635	17,777
FABRICATED METALS + ORDNANCE	113,696	125,072	152,844	186,783
MISCELLANEOUS MANUFACTURING	88,733	100,837	124,896	154,697
STONE, CLAY AND GLASS	17,484	19,363	23,075	27,499
OTHER MISC. MANUFACTURING	71,249	81,474	101,821	127,198
TRANSPORTATION,COMM.,+PUBLUTIL.	158,483	171,488	205,483	246,515
TRANSPORTATION	109,418	117,663	140,087	167,037
RAILROAD TRANSPORTATION	50,025	47,598	53,988	61,236
TRUCKING + WAREHOUSING	42,053	50,373	61,753	75,702
OTHER TRANSPORTATION SERVICES	17,340	19,692	24,346	30,099
LOCAL AND SUBURBAN TRANSP.	10,583	11,948	14,649	17,960
WATER TRANSPORTATION	2,990	3,478	4,442	5,674
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	26,102	28,484	35,167	43,418
UTILITIES (ELEC.,GAS,SANITARY)	22,963	25,341	30,229	36,060
WHOLESALE + RETAIL TRADE	326,896	365,847	453,196	561,397
FINANCE,INSURANCE AND REAL ESTATE	101,316	116,868	143,761	176,841
SERVICES	243,460	292,142	377,958	488,981
TOTAL GOVERNMENT	211,778	248,656	319,151	410,884
CIVILIAN GOVERNMENT	199,253	235,562	304,247	393,920
FEDERAL GOVERNMENT	83,604	97,329	118,284	143,749
STATE AND LOCAL GOVERNMENT	115,649	138,233	185,963	250,171
ARMED FORCES	12,525	13,094	14,904	16,964

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	795,000	823,800	889,017	959,400
TOTAL PERSONAL INCOME	2,335,362	2,660,916	3,325,462	4,155,932
TOTAL EARNINGS	1,923,622	2,180,887	2,699,678	3,349,266
PER CAPITA PERSONAL INCOME ($58)	2,938	3,230	3,741	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.06	1.05	1.05	1.04

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	103.6	111.8	120.7
TOTAL PERSONAL INCOME	113.9	142.4	178.0
TOTAL EARNINGS	113.4	140.3	174.1
AGRICULTURE, FORESTRY + FISHERIES	100.5	96.5	92.6
MINING	107.3	126.5	149.2
CRUDE PETROLEUM + NAT. GAS	98.7	99.1	99.6
MINING EXCL. FUELS	108.2	128.7	153.0
NONMETALLIC	108.2	128.7	153.0
CONTRACT CONSTRUCTION	110.0	134.2	163.7
MANUFACTURING	112.3	136.8	167.2
FOOD + KINDRED PRODUCTS	102.6	115.4	129.6
TEXTILE MILL PRODUCTS	102.2	108.5	115.2
APPAREL + OTHER TEXTILES	107.9	126.4	148.0
PRINTING + PUBLISHING	108.0	131.2	159.4
CHEMICALS + ALLIED PRODUCTS	115.6	141.8	174.0
LUMBER + FURNITURE	113.7	129.6	147.7
MACHINERY, ALL	111.4	141.7	180.9
MACHINERY, EXCL. ELECTRICAL	107.6	128.0	152.2
ELECTRICAL EQUIPMENT + SUPPLIES	114.1	151.8	201.9
TRANSPORTATION EQUIPMENT	134.9	164.1	199.6
MOTOR VEHICLES + EQUIPMENT	140.3	170.7	207.7
TRANSPORTATION EQUIPMENT, EXCL.	109.6	133.0	161.4
OTHER MANUFACTURING	111.7	136.7	167.4
PAPER + ALLIED PRODUCTS	124.5	161.1	208.5
PETROLEUM REFINING	134.4	152.9	174.0
PRIMARY METALS	100.6	107.5	114.9
FABRICATED METALS + ORDNANCE	110.0	134.4	164.3
MISCELLANEOUS MANUFACTURING	113.6	140.8	174.3
STONE, CLAY AND GLASS	110.7	132.0	157.3
OTHER MISC. MANUFACTURING	114.4	142.9	178.5
TRANSPORTATION, COMM., +PUBLUTIL.	108.2	129.7	155.5
TRANSPORTATION	107.5	128.0	152.7
RAILROAD TRANSPORTATION	95.1	107.9	122.4
TRUCKING + WAREHOUSING	119.8	146.8	180.0
OTHER TRANSPORTATION SERVICES	113.6	140.4	173.6
LOCAL AND SUBURBAN TRANSP.	112.9	138.4	169.7
WATER TRANSPORTATION	116.3	148.6	189.8
AIR TRANSPORTATION	111.3	133.6	160.4
MISC. OTHER TRANSP. SERVICES	116.9	150.6	192.9
COMMUNICATIONS	109.1	134.7	166.3
UTILITIES (ELEC., GAS, SANITARY)	110.4	131.6	157.0
WHOLESALE + RETAIL TRADE	111.9	138.6	171.7
FINANCE, INSURANCE AND REAL ESTATE	115.3	141.9	174.5
SERVICES	120.0	155.2	200.8
TOTAL GOVERNMENT	117.4	150.7	194.0
CIVILIAN GOVERNMENT	118.2	152.7	197.7
FEDERAL GOVERNMENT	116.4	141.5	171.9
STATE AND LOCAL GOVERNMENT	119.5	160.8	216.3
ARMED FORCES	104.5	119.0	135.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	820,400	849,800	932,302	1,022,800
TOTAL PERSONAL INCOME	2,585,899	2,953,970	3,754,343	4,771,582
TOTAL EARNINGS	2,240,769	2,548,390	3,210,506	4,055,845
PER CAPITA PERSONAL INCOME ($58)	3,152	3,476	4,027	4,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.14	1.13	1.13	1.12

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	2,240,769	2,548,390	3,210,506	4,055,845
AGRICULTURE, FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	106,071	120,298	153,297	195,346
MANUFACTURING	1,006,994	1,128,603	1,394,342	1,724,972
FOOD + KINDRED PRODUCTS	35,461	37,278	44,378	52,831
TEXTILE MILL PRODUCTS	5,006	5,340	6,084	6,932
APPAREL + OTHER TEXTILES	1,569	1,749	2,139	2,615
PRINTING + PUBLISHING	82,506	87,800	104,259	123,802
CHEMICALS + ALLIED PRODUCTS	13,986	15,702	17,973	20,573
LUMBER + FURNITURE	11,922	12,733	14,514	16,544
MACHINERY, ALL	563,237	623,691	782,407	981,844
MACHINERY, EXCL. ELECTRICAL	331,363	365,895	452,010	558,396
ELECTRICAL EQUIPMENT + SUPPLIES	231,874	257,796	330,397	423,448
TRANSPORTATION EQUIPMENT	60,776	80,287	98,568	121,139
MOTOR VEHICLES + EQUIPMENT	41,213	59,343	74,263	92,934
TRANSPORTATION EQUIPMENT, EXCL.	19,563	20,944	24,305	28,205
OTHER MANUFACTURING	232,531	264,023	324,020	398,692
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	24,982	26,648	29,435	32,514
FABRICATED METALS + ORDNANCE	61,738	76,382	100,101	131,420
MISCELLANEOUS MANUFACTURING	107,434	119,486	143,543	172,441
STONE, CLAY AND GLASS	16,187	17,996	21,607	25,942
OTHER MISC. MANUFACTURING	91,247	101,490	121,936	146,499
TRANSPORTATION, COMM., + PUBLUTIL.	83,571	95,441	120,799	153,000
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	6,250	5,885	6,853	7,979
TRUCKING + WAREHOUSING	27,029	32,467	41,162	52,185
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	5,150	5,870	7,350	9,203
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	4,657	5,543	7,377	9,818
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	18,744	21,096	27,496	35,836
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	285,061	325,657	418,670	538,251
FINANCE, INSURANCE AND REAL ESTATE	59,881	70,793	91,007	116,993
SERVICES	243,558	282,241	373,715	494,828
TOTAL GOVERNMENT	426,163	495,199	628,141	801,447
CIVILIAN GOVERNMENT	345,193	411,722	534,963	697,442
FEDERAL GOVERNMENT	190,828	224,516	276,249	339,901
STATE AND LOCAL GOVERNMENT	154,365	187,206	258,714	357,541
ARMED FORCES	80,970	83,477	93,178	104,005

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	820.400	849.800	932.302	1.022.800
TOTAL PERSONAL INCOME	2.585.899	2.953.970	3.754.363	4.771.582
TOTAL EARNINGS	2.240.769	2.548.390	3.210.506	4.055.845
PER CAPITA PERSONAL INCOME ($58)	3.152	3.476	4.027	4.665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.14	1.13	1.13	1.12

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	103.6	113.6	124.7
TOTAL PERSONAL INCOME	114.2	145.2	184.5
TOTAL EARNINGS	113.7	143.3	181.0
AGRICULTURE, FORESTRY + FISHERIES	102.3	101.7	101.1
MINING	102.4	118.8	137.9
MINING EXCL. FUELS	102.4	118.8	137.9
NONMETALLIC	102.4	118.8	137.9
CONTRACT CONSTRUCTION	113.4	144.5	184.2
MANUFACTURING	112.1	138.5	171.3
FOOD + KINDRED PRODUCTS	105.1	125.1	149.0
TEXTILE MILL PRODUCTS	106.7	121.5	138.5
APPAREL + OTHER TEXTILES	111.5	136.3	166.7
PRINTING + PUBLISHING	106.4	126.4	150.1
CHEMICALS + ALLIED PRODUCTS	112.3	128.5	147.1
LUMBER + FURNITURE	106.8	121.7	138.8
MACHINERY, ALL	110.7	138.9	174.3
MACHINERY, EXCL. ELECTRICAL	110.4	136.4	168.5
ELECTRICAL EQUIPMENT + SUPPLIES	111.2	142.5	182.6
TRANSPORTATION EQUIPMENT	132.1	162.2	199.3
MOTOR VEHICLES + EQUIPMENT	144.0	180.2	225.5
TRANSPORTATION EQUIPMENT, EXCL.	107.1	124.2	144.2
OTHER MANUFACTURING	113.5	139.3	171.5
PAPER + ALLIED PRODUCTS	107.9	132.5	162.7
PETROLEUM REFINING	127.1	134.0	141.2
PRIMARY METALS	106.7	117.8	130.1
FABRICATED METALS + ORDNANCE	123.7	162.3	212.9
MISCELLANEOUS MANUFACTURING	111.2	133.6	160.5
STONE, CLAY AND GLASS	111.2	133.5	160.3
OTHER MISC. MANUFACTURING	111.2	133.6	160.6
TRANSPORTATION, COMM., + PUBLUTIL.	114.2	144.5	183.1
TRANSPORTATION	115.5	145.6	183.7
RAILROAD TRANSPORTATION	94.2	109.6	127.7
TRUCKING + WAREHOUSING	120.1	152.3	193.1
OTHER TRANSPORTATION SERVICES	116.2	149.6	192.7
LOCAL AND SUBURBAN TRANSP.	114.0	142.7	178.7
WATER TRANSPORTATION	100.0	133.3	200.0
AIR TRANSPORTATION	119.0	158.4	210.8
MISC. OTHER TRANSP. SERVICES	113.9	143.4	178.2
COMMUNICATIONS	112.5	146.7	191.2
UTILITIES (ELEC., GAS, SANITARY)	113.0	140.5	174.5
WHOLESALE + RETAIL TRADE	114.2	146.9	188.8
FINANCE, INSURANCE AND REAL ESTATE	118.2	152.0	195.4
SERVICES	115.9	153.4	203.2
TOTAL GOVERNMENT	116.2	147.4	188.1
CIVILIAN GOVERNMENT	119.3	155.0	202.0
FEDERAL GOVERNMENT	117.7	144.8	178.1
STATE AND LOCAL GOVERNMENT	121.3	167.6	231.6
ARMED FORCES	103.1	115.1	128.4

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 25A
PHOENIX, ARIZONA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	905,000	962,918	1,074,945	1,200,000
TOTAL PERSONAL INCOME	2,276,075	2,709,942	3,548,903	4,647,600
TOTAL EARNINGS	1,840,298	2,140,854	2,737,753	3,514,257
PER CAPITA PERSONAL INCOME ($58)	2,515	2,814	3,301	3,873
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.91	.92	.92	.93

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	1,840,298	2,140,854	2,737,753	3,514,257
AGRICULTURE, FORESTRY + FISHERIES	89,625	93,507	94,552	95,614
MINING	1,401	1,508	1,833	2,258
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	1,222	1,268	1,507	1,791
CONTRACT CONSTRUCTION	115,619	132,303	167,899	213,070
MANUFACTURING	439,857	502,933	644,744	828,498
FOOD + KINDRED PRODUCTS	33,033	35,095	41,779	49,737
APPAREL + OTHER TEXTILES	10,242	12,120	15,964	21,027
PRINTING + PUBLISHING	21,568	23,966	30,549	38,940
CHEMICALS + ALLIED PRODUCTS	3,729	4,521	5,755	7,326
LUMBER + FURNITURE	9,958	10,749	12,527	14,600
MACHINERY, ALL	193,792	221,850	293,191	388,439
MACHINERY, EXCL. ELECTRICAL	68,244	75,265	92,532	113,759
ELECTRICAL EQUIPMENT + SUPPLIES	125,548	146,585	200,659	274,680
TRANSPORTATION EQUIPMENT	71,630	81,887	102,454	128,187
MOTOR VEHICLES + EQUIPMENT	3,178	4,606	5,724	7,113
TRANSPORTATION EQUIPMENT, EXCL.	68,452	77,281	96,730	121,074
OTHER MANUFACTURING	95,905	112,745	142,525	180,242
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	18,492	21,284	25,809	31,296
FABRICATED METALS + ORDNANCE	26,754	32,580	41,502	52,866
MISCELLANEOUS MANUFACTURING	48,423	56,192	71,802	91,749
STONE, CLAY AND GLASS	13,224	14,984	18,479	22,790
OTHER MISC. MANUFACTURING	35,199	41,208	53,323	68,959
TRANSPORTATION, COMM., +PUBLUTIL.	118,184	134,073	166,763	207,718
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	7,522	6,835	7,396	8,004
TRUCKING + WAREHOUSING	23,696	30,984	38,981	49,041
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
AIR TRANSPORTATION	12,331	14,655	19,147	25,016
MISC. OTHER TRANSP. SERVICES	649	729	889	1,051
COMMUNICATIONS	33,231	37,346	47,650	60,796
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	338,206	390,300	500,523	641,870
FINANCE, INSURANCE AND REAL ESTATE	123,605	147,765	189,789	243,762
SERVICES	291,302	358,809	478,686	638,610
TOTAL GOVERNMENT	322,499	379,656	492,964	642,857
CIVILIAN GOVERNMENT	266,920	322,174	428,491	570,544
FEDERAL GOVERNMENT	65,080	77,345	96,681	120,851
STATE AND LOCAL GOVERNMENT	201,840	244,829	331,810	449,693
ARMED FORCES	55,579	57,482	64,473	72,313

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
TOTAL PERSONAL INCOME	2,276,075	2,709,942	3,548,903	4,647,600
POPULATION	905,000	962,918	1,074,945	1,200,000
TOTAL EARNINGS	1,840,298	2,140,854	2,737,753	3,514,257
PER CAPITA PERSONAL INCOME ($58)	2,515	2,814	3,301	3,873
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.91	.92	.92	.93

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	106.4	118.8	132.6
TOTAL PERSONAL INCOME	119.1	155.9	204.2
TOTAL EARNINGS	116.3	148.8	191.0
AGRICULTURE,FORESTRY + FISHERIES	104.3	105.5	106.7
MINING	107.6	130.8	161.2
CRUDE PETROLEUM + NAT.GAS	106.4	114.4	122.4
MINING EXCL. FUELS	107.8	132.4	165.0
NONMETALLIC	103.8	123.3	146.6
CONTRACT CONSTRUCTION	114.4	145.2	184.3
MANUFACTURING	114.3	146.6	188.4
FOOD + KINDRED PRODUCTS	106.2	126.5	150.6
APPAREL + OTHER TEXTILES	118.3	155.9	205.3
PRINTING + PUBLISHING	111.1	141.6	180.5
CHEMICALS + ALLIED PRODUCTS	121.2	154.3	196.5
LUMBER + FURNITURE	107.9	125.8	146.6
MACHINERY, ALL	114.5	151.3	200.4
MACHINERY,EXCL. ELECTRICAL	110.3	135.6	166.7
ELECTRICAL EQUIPMENT + SUPPLIES	116.8	159.8	218.8
TRANSPORTATION EQUIPMENT	114.3	143.0	179.0
MOTOR VEHICLES + EQUIPMENT	144.9	180.1	223.8
TRANSPORTATION EQUIPMENT,EXCL.	112.9	141.3	176.9
OTHER MANUFACTURING	117.6	148.6	187.9
PAPER + ALLIED PRODUCTS	119.6	152.5	194.5
PETROLEUM REFINING	134.4	154.2	176.0
PRIMARY METALS	115.1	139.6	169.2
FABRICATED METALS + ORDNANCE	121.8	155.1	197.6
MISCELLANEOUS MANUFACTURING	116.0	148.3	189.5
STONE, CLAY AND GLASS	113.3	139.7	172.3
OTHER MISC. MANUFACTURING	117.1	151.5	195.9
TRANSPORTATION,COMM.,+PUBL.UTIL.	113.4	141.1	175.8
TRANSPORTATION	115.0	143.2	178.8
RAILROAD TRANSPORTATION	90.9	98.3	106.4
TRUCKING + WAREHOUSING	120.6	151.7	190.9
OTHER TRANSPORTATION SERVICES	117.2	150.7	192.5
LOCAL AND SUBURBAN TRANSP.	113.2	137.5	167.0
AIR TRANSPORTATION	118.8	155.3	202.9
MISC. OTHER TRANSP. SERVICES	112.3	137.0	161.9
COMMUNICATIONS	112.4	143.4	182.9
UTILITIES (ELEC.,GAS,SANITARY)	112.2	135.8	164.4
WHOLESALE + RETAIL TRADE	115.4	148.0	189.8
FINANCE,INSURANCE AND REAL ESTATE	119.5	153.5	197.2
SERVICES	123.2	164.3	219.2
TOTAL GOVERNMENT	117.7	152.9	199.3
CIVILIAN GOVERNMENT	120.7	160.5	213.8
FEDERAL GOVERNMENT	118.8	148.6	185.7
STATE AND LOCAL GOVERNMENT	121.3	164.4	222.8
ARMED FORCES	103.4	116.0	130.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 25B
TUCSON, ARIZONA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	312,703	344,635	373,738	405,300
TOTAL PERSONAL INCOME	760,494	898,403	1,142,055	1,451,785
TOTAL EARNINGS	572,418	676,228	858,062	1,092,724
PER CAPITA PERSONAL INCOME ($58)	2,432	2,607	3,056	3,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.88	.85	.85	.86

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	572,418	676,228	858,062	1,092,724
AGRICULTURE,FORESTRY + FISHERIES	2,670	6,359	6,313	6,267
MINING	33,109	38,654	46,410	55,721
CRUDE PETROLEUM + NAT.GAS	158	160	188	220
MINING EXCL. FUELS	32,951	38,494	46,272	55,501
METAL MINING	32,281	37,813	45,475	54,569
NONMETALLIC	670	681	797	932
CONTRACT CONSTRUCTION	49,518	57,220	70,476	86,679
MANUFACTURING	59,984	67,668	82,242	100,258
FOOD + KINDRED PRODUCTS	5,833	6,412	7,671	9,177
APPAREL + OTHER TEXTILES	500	533	613	706
PRINTING + PUBLISHING	5,615	6,417	8,161	10,378
CHEMICALS + ALLIED PRODUCTS	680	814	973	1,164
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	3,007	3,717	5,242	7,393
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	659	1,187	1,652	2,301
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	40,243	41,359	48,983	58,028
PAPER + ALLIED PRODUCTS	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	36,490	37,201	44,279	52,584
MISCELLANEOUS MANUFACTURING	3,479	3,755	4,294	4,910
STONE, CLAY AND GLASS	2,302	2,431	2,692	2,981
OTHER MISC. MANUFACTURING	1,177	1,324	1,602	1,929
TRANSPORTATION,COMM.,+PUBL.UTIL.	36,416	40,112	48,940	59,840
TRANSPORTATION	22,220	23,594	28,194	33,772
RAILROAD TRANSPORTATION	13,202	12,632	14,415	16,449
TRUCKING + WAREHOUSING	4,182	5,235	6,652	8,453
OTHER TRANSPORTATION SERVICES	4,836	5,727	7,127	8,870
LOCAL AND SUBURBAN TRANSP.	2,322	2,739	3,388	4,191
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	8,101	9,408	12,036	15,397
UTILITIES (ELEC.,GAS,SANITARY)	6,095	7,110	8,710	10,671
WHOLESALE + RETAIL TRADE	90,432	107,408	137,378	175,711
FINANCE,INSURANCE AND REAL ESTATE	26,675	32,648	41,472	52,681
SERVICES	106,248	131,222	174,162	231,151
TOTAL GOVERNMENT	167,366	194,937	250,719	324,416
CIVILIAN GOVERNMENT	114,203	139,488	187,818	253,062
FEDERAL GOVERNMENT	30,060	36,591	47,127	60,696
STATE AND LOCAL GOVERNMENT	84,143	102,897	140,691	192,366
ARMED FORCES	53,163	55,449	62,901	71,354

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	19A0
POPULATION	312,703	344,635	373,738	405,300
TOTAL PERSONAL INCOME	760,494	898,403	1,142,055	1,451,785
TOTAL EARNINGS	572,418	676,228	858,062	1,092,724
PER CAPITA PERSONAL INCOME ($58)	2,432	2,607	3,056	3,582
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.88	.85	.85	.86

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	110.2	119.5	129.6
TOTAL PERSONAL INCOME	118.1	150.2	190.9
TOTAL EARNINGS	118.1	149.9	190.9
AGRICULTURE, FORESTRY + FISHERIES	238.2	236.4	234.7
MINING	116.7	140.2	168.3
CRUDE PETROLEUM + NAT. GAS	101.3	119.0	139.2
MINING EXCL. FUELS	116.8	140.3	168.4
METAL MINING	117.1	140.7	169.0
NONMETALLIC	101.6	119.0	139.1
CONTRACT CONSTRUCTION	115.6	142.2	175.0
MANUFACTURING	112.8	137.1	167.1
FOOD + KINDRED PRODUCTS	109.9	131.5	157.3
APPAREL + OTHER TEXTILES	106.6	122.6	141.2
PRINTING + PUBLISHING	114.3	145.3	184.8
CHEMICALS + ALLIED PRODUCTS	119.7	143.1	171.2
MACHINERY, ALL	119.3	164.2	226.3
MACHINERY, EXCL. ELECTRICAL	123.6	174.3	245.9
ELECTRICAL EQUIPMENT + SUPPLIES	113.8	151.5	201.6
TRANSPORTATION EQUIPMENT	180.1	250.7	349.2
TRANSPORTATION EQUIPMENT, EXCL.	126.5	179.2	253.8
OTHER MANUFACTURING	102.8	121.7	144.2
PAPER + ALLIED PRODUCTS	121.4	147.6	181.0
PRIMARY METALS	142.2	148.1	154.5
FABRICATED METALS + ORDNANCE	101.9	121.2	144.1
MISCELLANEOUS MANUFACTURING	107.9	123.4	141.1
STONE, CLAY AND GLASS	105.6	116.9	129.5
OTHER MISC. MANUFACTURING	112.5	136.1	163.9
TRANSPORTATION, COMM., +PUBLUTIL.	110.1	134.4	164.3
TRANSPORTATION	106.2	126.9	152.0
RAILROAD TRANSPORTATION	95.7	109.2	124.6
TRUCKING + WAREHOUSING	125.2	159.1	202.1
OTHER TRANSPORTATION SERVICES	118.4	147.4	183.4
LOCAL AND SUBURBAN TRANSP.	118.0	145.9	180.5
AIR TRANSPORTATION	117.8	145.4	179.6
MISC. OTHER TRANSP. SERVICES	128.9	179.3	246.3
COMMUNICATIONS	116.1	148.6	190.1
UTILITIES (ELEC., GAS, SANITARY)	116.7	142.9	175.1
WHOLESALE + RETAIL TRADE	118.8	151.9	194.3
FINANCE, INSURANCE AND REAL ESTATE	122.4	155.5	197.5
SERVICES	123.5	163.9	217.6
TOTAL GOVERNMENT	116.5	149.8	193.8
CIVILIAN GOVERNMENT	122.1	164.5	221.6
FEDERAL GOVERNMENT	121.7	156.8	201.9
STATE AND LOCAL GOVERNMENT	122.3	167.2	228.6
ARMED FORCES	104.3	118.3	134.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 26
HOUSTON, TEXAS

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,952,545	2,123,257	2,394,320	2,700,000
TOTAL PERSONAL INCOME	5,362,895	6,321,288	8,346,827	11,021,400
TOTAL EARNINGS	4,519,627	5,246,669	6,531,558	8,163,641
PER CAPITA PERSONAL INCOME ($58)	2,747	2,977	3,486	4,082
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	.97	.97	.98

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	4,519,627	5,246,669	6,531,558	8,163,641
AGRICULTURE,FORESTRY + FISHERIES	30,900	34,732	35,524	36,362
MINING	256,651	260,257	285,169	312,492
CRUDE PETROLEUM + NAT.GAS	248,310	251,794	275,427	301,278
MINING EXCL. FUELS	8,341	8,463	9,742	11,214
NONMETALLIC	8,341	8,463	9,742	11,214
CONTRACT CONSTRUCTION	474,645	520,162	594,532	679,537
MANUFACTURING	1,056,080	1,235,987	1,531,278	1,904,393
FOOD + KINDRED PRODUCTS	86,836	91,789	105,847	122,058
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	46,628	52,007	65,019	81,288
CHEMICALS + ALLIED PRODUCTS	243,559	298,721	395,217	522,882
LUMBER + FURNITURE	23,442	21,619	25,584	30,275
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	168,624	181,154	214,881	254,886
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	38,313	44,200	54,064	66,131
MOTOR VEHICLES + EQUIPMENT	5,847	8,228	10,013	12,186
TRANSPORTATION EQUIPMENT,EXCL.	32,466	35,972	44,051	53,945
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	23,502	25,618	32,079	40,170
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	67,144	76,392	91,774	110,253
FABRICATED METALS + ORDNANCE	125,911	156,774	202,975	262,790
MISCELLANEOUS MANUFACTURING	79,273	92,813	119,921	154,945
STONE, CLAY AND GLASS	32,711	38,032	48,648	62,227
OTHER MISC. MANUFACTURING	46,562	54,781	71,273	92,718
TRANSPORTATION,COMM.,+PUBLUTIL.	408,685	458,561	557,206	677,770
TRANSPORTATION	265,527	296,387	356,355	428,956
RAILROAD TRANSPORTATION	49,554	46,806	51,916	57,584
TRUCKING + WAREHOUSING	84,659	100,851	124,021	152,515
OTHER TRANSPORTATION SERVICES	131,314	148,730	180,418	218,857
LOCAL AND SUBURBAN TRANSP.	11,976	13,286	15,631	18,391
WATER TRANSPORTATION	60,674	69,348	85,198	104,670
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	57,840	65,539	82,734	104,441
UTILITIES (ELEC.,GAS,SANITARY)	85,318	96,635	118,117	144,373
WHOLESALE + RETAIL TRADE	920,501	1,071,859	1,360,061	1,725,749
FINANCE,INSURANCE AND REAL ESTATE	262,969	307,925	382,862	476,035
SERVICES	715,478	878,550	1,150,606	1,506,887
TOTAL GOVERNMENT	393,718	478,636	634,370	844,416
CIVILIAN GOVERNMENT	362,960	448,107	602,242	810,605
FEDERAL GOVERNMENT	112,803	137,128	173,548	219,638
STATE AND LOCAL GOVERNMENT	250,157	310,979	428,694	590,967
ARMED FORCES	30,758	30,529	32,128	33,811

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,952,545	2,123,257	2,394,320	2,700,000
TOTAL PERSONAL INCOME	5,362,895	6,321,288	8,346,822	11,021,400
TOTAL EARNINGS	4,519,627	5,246,669	6,531,558	8,163,641
PER CAPITA PERSONAL INCOME ($58)	2,747	2,977	3,486	4,082
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	.97	.97	.98

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	108.7	122.6	138.3
TOTAL PERSONAL INCOME	117.9	155.6	205.5
TOTAL EARNINGS	116.1	144.5	180.6
AGRICULTURE, FORESTRY + FISHERIES	112.4	115.0	117.7
MINING	101.4	111.1	121.8
CRUDE PETROLEUM + NAT. GAS	101.4	110.9	121.3
MINING EXCL. FUELS	101.5	116.8	134.4
NONMETALLIC	101.5	116.8	134.4
CONTRACT CONSTRUCTION	109.6	125.3	143.2
MANUFACTURING	117.0	145.0	180.3
FOOD + KINDRED PRODUCTS	105.7	121.9	140.6
TEXTILE MILL PRODUCTS	102.2	114.1	127.3
APPAREL + OTHER TEXTILES	105.1	119.2	135.3
PRINTING + PUBLISHING	111.5	139.4	174.3
CHEMICALS + ALLIED PRODUCTS	122.6	162.3	214.7
LUMBER + FURNITURE	92.2	109.1	129.1
MACHINERY, ALL	107.9	130.6	158.4
MACHINERY, EXCL. ELECTRICAL	107.4	127.4	151.2
ELECTRICAL EQUIPMENT + SUPPLIES	111.9	155.7	216.7
TRANSPORTATION EQUIPMENT	115.4	141.1	172.6
MOTOR VEHICLES + EQUIPMENT	140.7	171.3	208.4
TRANSPORTATION EQUIPMENT, EXCL.	110.8	135.7	166.2
OTHER MANUFACTURING	122.7	149.8	183.7
PAPER + ALLIED PRODUCTS	109.0	136.5	170.9
PETROLEUM REFINING	131.8	146.9	163.7
PRIMARY METALS	113.8	136.7	164.2
FABRICATED METALS + ORDNANCE	124.5	161.2	208.7
MISCELLANEOUS MANUFACTURING	117.1	151.3	195.5
STONE, CLAY AND GLASS	116.3	148.7	190.2
OTHER MISC. MANUFACTURING	117.7	153.1	199.1
TRANSPORTATION, COMM., +PUBLUTIL.	112.2	136.3	165.8
TRANSPORTATION	111.6	134.2	161.5
RAILROAD TRANSPORTATION	94.5	104.8	116.2
TRUCKING + WAREHOUSING	119.1	146.5	180.2
OTHER TRANSPORTATION SERVICES	113.3	137.4	166.7
LOCAL AND SUBURBAN TRANSP.	110.9	130.5	153.6
WATER TRANSPORTATION	114.3	140.4	172.5
AIR TRANSPORTATION	116.0	145.4	182.2
MISC. OTHER TRANSP. SERVICES	110.1	128.1	148.5
COMMUNICATIONS	113.3	143.0	180.6
UTILITIES (ELEC., GAS, SANITARY)	113.3	138.4	169.2
WHOLESALE + RETAIL TRADE	116.4	147.8	187.5
FINANCE, INSURANCE AND REAL ESTATE	117.1	145.6	181.0
SERVICES	122.8	160.8	210.6
TOTAL GOVERNMENT	121.6	161.1	214.5
CIVILIAN GOVERNMENT	123.5	165.9	223.3
FEDERAL GOVERNMENT	121.6	153.9	194.7
STATE AND LOCAL GOVERNMENT	124.3	171.4	236.2
ARMED FORCES	99.3	104.5	109.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 27
DALLAS-FT. WORTH, TEX.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,116,523	2,295,891	2,513,332	2,751,347
TOTAL PERSONAL INCOME	6,082,886	7,190,295	9,077,250	11,459,360
TOTAL EARNINGS	5,145,872	5,967,945	7,648,588	9,838,998
PER CAPITA PERSONAL INCOME ($58)	2,874	3,132	3,612	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.04	1.02	1.01	1.00

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	5,145,872	5,967,945	7,648,588	9,838,998
AGRICULTURE,FORESTRY + FISHERIES	34,709	45,978	46,844	47,735
MINING	87,495	87,440	92,948	98,811
CRUDE PETROLEUM + NAT.GAS	84,200	83,308	88,351	93,698
MINING EXCL. FUELS	3,295	4,132	4,597	5,113
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	277,271	318,973	409,810	526,517
MANUFACTURING	1,552,881	1,771,308	2,229,531	2,820,291
FOOD + KINDRED PRODUCTS	126,663	132,480	155,127	181,643
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	65,430	71,889	86,610	104,344
PRINTING + PUBLISHING	87,847	96,379	121,300	152,665
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	37,139	41,944	49,052	57,364
MACHINERY, ALL	417,934	493,032	676,075	928,099
MACHINERY,EXCL. ELECTRICAL	134,015	154,459	201,370	262,526
ELECTRICAL EQUIPMENT + SUPPLIES	283,919	338,573	474,705	665,573
TRANSPORTATION EQUIPMENT	506,189	564,376	663,148	779,580
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	265,551	317,712	408,234	524,881
PAPER + ALLIED PRODUCTS	36,545	39,739	49,523	61,716
PETROLEUM REFINING	11,251	15,721	18,979	22,912
PRIMARY METALS	26,444	31,431	39,546	49,757
FABRICATED METALS + ORDNANCE	96,847	117,919	150,877	193,045
MISCELLANEOUS MANUFACTURING	94,464	112,902	149,309	197,451
STONE, CLAY AND GLASS	37,364	43,708	55,990	71,722
OTHER MISC. MANUFACTURING	57,100	69,194	93,319	125,729
TRANSPORTATION,COMM.,+PUBLUTIL.	436,017	493,257	609,880	754,692
TRANSPORTATION	302,593	342,816	419,445	513,537
RAILROAD TRANSPORTATION	51,566	48,463	55,549	63,672
TRUCKING + WAREHOUSING	D	D	D	D
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	14,615	15,969	18,272	20,908
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	114,955	132,916	165,927	207,134
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	75,063	84,368	108,674	139,983
UTILITIES (ELEC.,GAS,SANITARY)	58,361	66,073	81,761	101,172
WHOLESALE + RETAIL TRADE	1,080,147	1,234,447	1,585,452	2,036,256
FINANCE,INSURANCE AND REAL ESTATE	389,948	459,406	581,299	735,534
SERVICES	738,041	892,989	1,193,523	1,595,200
TOTAL GOVERNMENT	549,363	664,147	899,301	1,223,962
CIVILIAN GOVERNMENT	490,323	603,074	830,801	1,147,132
FEDERAL GOVERNMENT	169,842	204,220	262,527	337,482
STATE AND LOCAL GOVERNMENT	320,481	398,854	568,274	809,650
ARMED FORCES	59,040	61,073	68,500	76,830

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	2,116,523	2,295,891	2,513,332	2,751,347
TOTAL PERSONAL INCOME	6,082,886	7,190,295	9,077,250	11,459,360
TOTAL EARNINGS	5,145,872	5,967,945	7,648,588	9,838,998
PER CAPITA PERSONAL INCOME ($58)	2,874	3,132	3,612	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.04	1.02	1.01	1.00

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	108.5	118.7	130.0
TOTAL PERSONAL INCOME	118.2	149.2	188.4
TOTAL EARNINGS	116.0	148.6	191.2
AGRICULTURE,FORESTRY + FISHERIES	132.5	135.0	137.5
MINING	99.9	106.2	112.9
CRUDE PETROLEUM + NAT.GAS	98.9	104.9	111.3
MINING EXCL. FUELS	125.4	139.5	155.2
METAL MINING	100.0	108.6	117.2
NONMETALLIC	125.9	140.1	155.9
CONTRACT CONSTRUCTION	115.0	147.8	189.9
MANUFACTURING	114.1	143.6	181.6
FOOD + KINDRED PRODUCTS	104.6	122.5	143.4
TEXTILE MILL PRODUCTS	105.4	119.5	135.5
APPAREL + OTHER TEXTILES	109.9	132.4	159.5
PRINTING + PUBLISHING	109.7	138.1	173.8
CHEMICALS + ALLIED PRODUCTS	117.1	155.2	205.7
LUMBER + FURNITURE	112.9	132.1	154.5
MACHINERY, ALL	118.0	161.8	222.1
MACHINERY,EXCL. ELECTRICAL	115.3	150.3	195.9
ELECTRICAL EQUIPMENT + SUPPLIES	119.2	167.2	234.4
TRANSPORTATION EQUIPMENT	111.5	131.0	154.0
MOTOR VEHICLES + EQUIPMENT	147.4	182.5	226.1
TRANSPORTATION EQUIPMENT,EXCL.	107.2	124.9	145.4
OTHER MANUFACTURING	119.6	153.7	197.7
PAPER + ALLIED PRODUCTS	108.7	135.5	168.9
PETROLEUM REFINING	139.7	168.7	203.6
PRIMARY METALS	118.9	149.5	188.2
FABRICATED METALS + ORDNANCE	121.8	155.8	199.3
MISCELLANEOUS MANUFACTURING	119.5	158.1	209.0
STONE, CLAY AND GLASS	117.0	149.9	192.0
OTHER MISC. MANUFACTURING	121.2	163.4	220.2
TRANSPORTATION,COMM.,+PUBLUTIL.	113.1	139.9	173.1
TRANSPORTATION	113.3	138.6	169.7
RAILROAD TRANSPORTATION	94.0	107.7	123.5
TRUCKING + WAREHOUSING	120.5	149.4	185.3
OTHER TRANSPORTATION SERVICES	114.6	141.3	174.2
LOCAL AND SUBURBAN TRANSP.	109.3	125.0	143.1
WATER TRANSPORTATION	111.0	129.7	152.1
AIR TRANSPORTATION	115.6	144.3	180.2
MISC. OTHER TRANSP. SERVICES	109.6	127.3	145.2
COMMUNICATIONS	112.4	144.8	186.5
UTILITIES (ELEC.,GAS,SANITARY)	113.2	140.1	173.4
WHOLESALE + RETAIL TRADE	114.3	146.8	188.5
FINANCE,INSURANCE AND REAL ESTATE	117.8	149.1	188.6
SERVICES	121.0	161.7	216.1
TOTAL GOVERNMENT	120.9	163.7	222.8
CIVILIAN GOVERNMENT	123.0	169.4	234.0
FEDERAL GOVERNMENT	120.2	154.6	198.7
STATE AND LOCAL GOVERNMENT	124.5	177.3	252.6
ARMED FORCES	103.4	116.0	130.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 28
SAN ANTONIO, TEX.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	834,000	895,800	931,873	969,400
TOTAL PERSONAL INCOME	1,829,592	2,232,360	2,767,817	3,431,666
TOTAL EARNINGS	1,466,242	1,781,200	2,188,520	2,697,976
PER CAPITA PERSONAL INCOME ($58)	2,194	2,492	2,970	3,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.79	.81	.83	.85

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,466,242	1,781,200	2,188,520	2,697,976
AGRICULTURE,FORESTRY + FISHERIES	11,030	11,711	12,160	12,624
MINING	10,645	10,832	11,775	12,819
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	83,906	98,995	119,804	144,984
MANUFACTURING	139,328	162,034	199,541	246,684
FOOD + KINDRED PRODUCTS	44,860	49,252	55,950	63,559
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	13,455	15,510	19,034	23,359
CHEMICALS + ALLIED PRODUCTS	3,126	3,516	4,647	6,141
LUMBER + FURNITURE	5,174	5,957	7,170	8,629
MACHINERY, ALL	15,140	17,318	21,632	27,069
MACHINERY,EXCL. ELECTRICAL	12,010	13,721	16,762	20,476
ELECTRICAL EQUIPMENT + SUPPLIES	3,130	3,597	4,870	6,593
TRANSPORTATION EQUIPMENT	4,777	6,397	8,310	10,824
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	1,995	2,399	3,108	4,026
PETROLEUM REFINING	1,205	1,668	1,968	2,322
PRIMARY METALS	4,469	5,400	7,011	9,102
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	18,084	21,571	28,564	37,825
STONE, CLAY AND GLASS	10,060	11,893	15,546	20,322
OTHER MISC. MANUFACTURING	8,024	9,678	13,018	17,503
TRANSPORTATION,COMM..+PUBLUTIL.	63,232	74,348	90,246	109,778
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	12,840	12,800	14,231	15,822
TRUCKING + WAREHOUSING	18,860	23,771	29,081	35,578
OTHER TRANSPORTATION SERVICES	11,457	13,854	16,931	20,691
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	19,886	23,597	29,455	36,767
WHOLESALE + RETAIL TRADE	256,930	308,930	383,839	476,910
FINANCE,INSURANCE AND REAL ESTATE	88,547	109,044	133,304	162,959
SERVICES	193,170	240,242	310,078	400,215
TOTAL GOVERNMENT	619,454	765,064	927,773	1,131,003
CIVILIAN GOVERNMENT	353,611	430,999	553,081	710,744
FEDERAL GOVERNMENT	253,176	301,480	377,316	472,223
STATE AND LOCAL GOVERNMENT	100,435	129,519	175,765	238,521
ARMED FORCES	265,843	334,065	374,692	420,259

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	834,000	895,800	931,873	969,400
TOTAL PERSONAL INCOME	1,829,592	2,232,360	2,767,817	3,431,666
TOTAL EARNINGS	1,466,242	1,781,200	2,188,520	2,697,976
PER CAPITA PERSONAL INCOME ($58)	2,194	2,492	2,970	3,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.79	.81	.83	.85

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	107.4	111.7	116.2
TOTAL PERSONAL INCOME	122.0	151.3	187.6
TOTAL EARNINGS	121.5	149.3	184.0
AGRICULTURE, FORESTRY + FISHERIES	106.2	110.2	114.5
MINING	101.8	110.6	120.4
CRUDE PETROLEUM + NAT.GAS	101.7	108.7	116.2
MINING EXCL. FUELS	102.1	120.1	141.3
NONMETALLIC	102.1	120.1	141.3
CONTRACT CONSTRUCTION	118.0	142.8	172.8
MANUFACTURING	116.3	143.2	177.1
FOOD + KINDRED PRODUCTS	109.8	124.7	141.7
TEXTILE MILL PRODUCTS	115.8	148.4	190.1
APPAREL + OTHER TEXTILES	109.9	133.8	163.0
PRINTING + PUBLISHING	115.3	141.5	173.6
CHEMICALS + ALLIED PRODUCTS	112.5	148.7	196.4
LUMBER + FURNITURE	115.1	138.6	166.8
MACHINERY, ALL	114.4	142.9	178.8
MACHINERY, EXCL. ELECTRICAL	114.2	139.6	170.5
ELECTRICAL EQUIPMENT + SUPPLIES	114.9	155.6	210.6
TRANSPORTATION EQUIPMENT	133.9	174.0	226.6
MOTOR VEHICLES + EQUIPMENT	136.3	163.1	195.2
TRANSPORTATION EQUIPMENT, EXCL.	132.9	178.6	240.0
OTHER MANUFACTURING	125.3	164.4	215.9
PAPER + ALLIED PRODUCTS	120.3	155.8	201.8
PETROLEUM REFINING	138.4	163.3	192.7
PRIMARY METALS	120.8	156.9	203.7
FABRICATED METALS + ORDNANCE	134.9	177.8	234.3
MISCELLANEOUS MANUFACTURING	119.3	158.0	209.2
STONE, CLAY AND GLASS	118.2	154.5	202.0
OTHER MISC. MANUFACTURING	120.6	162.2	218.1
TRANSPORTATION, COMM., + PUBLUTIL.	117.6	142.7	173.6
TRANSPORTATION	116.8	139.6	167.0
RAILROAD TRANSPORTATION	99.7	110.8	123.2
TRUCKING + WAREHOUSING	126.0	154.2	188.6
OTHER TRANSPORTATION SERVICES	120.9	147.8	180.6
LOCAL AND SUBURBAN TRANSP.	119.8	144.3	173.9
AIR TRANSPORTATION	121.6	149.7	184.3
MISC. OTHER TRANSP. SERVICES	118.8	161.7	168.1
COMMUNICATIONS	118.7	148.1	184.9
WHOLESALE + RETAIL TRADE	120.2	149.4	185.6
FINANCE, INSURANCE AND REAL ESTATE	123.1	150.5	184.0
SERVICES	124.4	160.5	207.2
TOTAL GOVERNMENT	123.5	149.8	182.6
CIVILIAN GOVERNMENT	121.9	156.4	201.0
FEDERAL GOVERNMENT	119.1	149.0	186.5
STATE AND LOCAL GOVERNMENT	129.0	175.0	237.5
ARMED FORCES	125.7	140.9	158.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	735,500	734,100	758,646	784,000
TOTAL PERSONAL INCOME	1,806,945	2,031,950	2,470,719	3,004,219
TOTAL EARNINGS	1,458,935	1,633,078	1,968,109	2,377,839
PER CAPITA PERSONAL INCOME ($58)	2,457	2,768	3,257	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.89	.90	.91	.92

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,458,935	1,633,078	1,968,109	2,377,839
AGRICULTURE FORESTRY + FISHERIES	7,873	8,371	8,821	9,304
MINING	35,539	34,553	38,172	42,183
COAL MINING	30,516	29,391	32,360	35,630
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	84,181	92,802	111,431	133,798
MANUFACTURING	466,883	521,677	607,626	709,390
FOOD + KINDRED PRODUCTS	D	D	D	D
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	6,982	7,607	9,039	10,740
PRINTING + PUBLISHING	17,209	18,458	22,328	27,010
CHEMICALS + ALLIED PRODUCTS	8,608	9,869	11,730	13,943
LUMBER + FURNITURE	13,855	17,039	20,210	23,970
MACHINERY, ALL	27,073	30,323	38,628	49,300
MACHINERY,EXCL. ELECTRICAL	17,426	19,186	23,625	29,090
ELECTRICAL EQUIPMENT + SUPPLIES	9,647	11,137	15,003	20,210
TRANSPORTATION EQUIPMENT	45,721	51,289	61,071	72,717
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	305,273	344,384	397,636	460,024
PAPER + ALLIED PRODUCTS	4,899	5,423	6,723	8,334
PETROLEUM REFINING	2,284	2,960	3,238	3,543
PRIMARY METALS	214,809	239,478	268,939	302,022
FABRICATED METALS + ORDNANCE	54,553	64,742	80,820	100,889
MISCELLANEOUS MANUFACTURING	28,728	31,781	37,916	45,236
STONE, CLAY AND GLASS	21,156	23,023	26,813	31,227
OTHER MISC. MANUFACTURING	7,572	8,758	11,103	14,009
TRANSPORTATION,COMM.,+PUBLUTIL.	140,855	154,745	186,351	225,004
TRANSPORTATION	75,461	82,017	97,983	117,630
RAILROAD TRANSPORTATION	29,580	27,107	29,162	31,373
TRUCKING + WAREHOUSING	37,169	44,917	56,412	70,847
OTHER TRANSPORTATION SERVICES	8,712	9,993	12,409	15,410
LOCAL AND SUBURBAN TRANSP.	5,333	6,045	7,378	9,004
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	1,305	1,523	1,940	2,466
COMMUNICATIONS	26,083	28,241	34,090	41,151
UTILITIES (ELEC.,GAS,SANITARY)	39,311	44,487	54,278	66,223
WHOLESALE + RETAIL TRADE	286,552	319,194	388,162	472,029
FINANCE,INSURANCE AND REAL ESTATE	94,027	107,858	130,108	156,948
SERVICES	188,497	212,637	266,401	333,756
TOTAL GOVERNMENT	154,528	181,241	231,037	295,427
CIVILIAN GOVERNMENT	144,166	170,826	219,842	283,393
FEDERAL GOVERNMENT	55,836	65,275	79,643	97,172
STATE AND LOCAL GOVERNMENT	88,330	105,551	140,199	186,221
ARMED FORCES	10,362	10,415	11,195	12,034

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	735,500	734,100	758,646	784,000
TOTAL PERSONAL INCOME	1,806,945	2,031,950	2,470,719	3,004,219
TOTAL EARNINGS	1,458,935	1,633,078	1,968,109	2,377,839
PER CAPITA PERSONAL INCOME ($58)	2,457	2,768	3,257	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.89	.90	.91	.92

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	99.8	103.1	106.6
TOTAL PERSONAL INCOME	112.5	136.7	166.3
TOTAL EARNINGS	111.9	134.9	163.0
AGRICULTURE, FORESTRY + FISHERIES	106.3	112.0	118.2
MINING	97.2	107.4	118.7
COAL MINING	96.3	106.0	116.8
MINING EXCL. FUELS	103.1	116.0	130.8
METAL MINING	102.6	112.0	122.3
NONMETALLIC	103.8	122.3	144.2
CONTRACT CONSTRUCTION	110.2	132.4	158.9
MANUFACTURING	111.7	130.1	151.9
FOOD + KINDRED PRODUCTS	100.9	110.9	121.8
TEXTILE MILL PRODUCTS	104.1	115.4	127.9
APPAREL + OTHER TEXTILES	109.0	129.5	153.8
PRINTING + PUBLISHING	107.3	129.7	157.0
CHEMICALS + ALLIED PRODUCTS	114.6	136.3	162.0
LUMBER + FURNITURE	123.0	145.9	173.0
MACHINERY, ALL	112.0	142.7	182.1
MACHINERY, EXCL. ELECTRICAL	110.1	135.6	166.9
ELECTRICAL EQUIPMENT + SUPPLIES	115.4	155.5	209.5
TRANSPORTATION EQUIPMENT	112.2	133.6	159.0
MOTOR VEHICLES + EQUIPMENT	142.2	167.4	197.0
TRANSPORTATION EQUIPMENT, EXCL.	109.0	130.0	155.0
OTHER MANUFACTURING	112.8	130.3	150.7
PAPER + ALLIED PRODUCTS	110.7	137.2	170.1
PETROLEUM REFINING	129.6	141.8	155.1
PRIMARY METALS	111.5	125.2	140.6
FABRICATED METALS + ORDNANCE	118.7	148.1	184.9
MISCELLANEOUS MANUFACTURING	110.6	132.0	157.5
STONE, CLAY AND GLASS	108.8	126.7	147.6
OTHER MISC. MANUFACTURING	115.7	146.6	185.0
TRANSPORTATION, COMM., +PUBLUTIL.	109.9	132.3	159.7
TRANSPORTATION	108.7	129.8	155.9
RAILROAD TRANSPORTATION	91.6	98.6	106.1
TRUCKING + WAREHOUSING	120.8	151.8	190.6
OTHER TRANSPORTATION SERVICES	114.7	142.4	176.9
LOCAL AND SUBURBAN TRANSP.	113.4	138.3	168.8
WATER TRANSPORTATION	115.8	145.9	183.7
AIR TRANSPORTATION	117.2	149.8	191.4
MISC. OTHER TRANSP. SERVICES	116.7	148.7	189.0
COMMUNICATIONS	108.3	130.7	157.8
UTILITIES (ELEC., GAS, SANITARY)	113.2	138.1	168.5
WHOLESALE + RETAIL TRADE	111.4	135.5	164.7
FINANCE, INSURANCE AND REAL ESTATE	114.7	138.4	166.9
SERVICES	112.8	141.3	177.1
TOTAL GOVERNMENT	117.3	149.5	191.2
CIVILIAN GOVERNMENT	118.5	152.5	196.6
FEDERAL GOVERNMENT	116.9	142.6	174.0
STATE AND LOCAL GOVERNMENT	119.5	158.7	210.8
ARMED FORCES	100.5	108.0	116.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	639,908	685,387	712,169	740,000
TOTAL PERSONAL INCOME	1,910,125	2,284,810	2,732,151	3,267,100
TOTAL EARNINGS	1,556,672	1,896,392	2,318,462	2,842,465
PER CAPITA PERSONAL INCOME ($58)	2,985	3,334	3,836	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.09	1.07	1.06

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,556,672	1,896,392	2,318,462	2,842,465
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	103,086	121,280	146,120	176,046
MANUFACTURING	609,540	728,899	869,038	1,037,201
FOOD + KINDRED PRODUCTS	33,899	36,409	39,258	42,330
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	22,190	25,779	31,808	39,247
CHEMICALS + ALLIED PRODUCTS	20,335	26,277	33,363	42,359
LUMBER + FURNITURE	14,692	16,661	19,152	22,015
MACHINERY, ALL	116,991	127,027	153,837	186,381
MACHINERY,EXCL. ELECTRICAL	88,698	97,435	119,317	146,113
ELECTRICAL EQUIPMENT + SUPPLIES	28,293	29,592	34,520	40,268
TRANSPORTATION EQUIPMENT	105,221	166,347	200,357	241,344
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	21,922	22,867	26,839	31,500
PETROLEUM REFINING	28,911	39,540	46,479	54,636
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	67,068	71,906	87,939	107,548
MISCELLANEOUS MANUFACTURING	107,531	116,992	136,343	158,894
STONE, CLAY AND GLASS	89,853	95,848	108,493	122,804
OTHER MISC. MANUFACTURING	17,678	21,144	27,850	36,090
TRANSPORTATION,COMM.,+PUBLUTIL.	121,715	135,448	159,395	187,841
TRANSPORTATION	87,193	94,648	109,912	127,808
RAILROAD TRANSPORTATION	43,866	40,950	45,586	50,746
TRUCKING + WAREHOUSING	36,384	45,300	54,084	64,570
OTHER TRANSPORTATION SERVICES	6,943	8,398	10,242	12,492
LOCAL AND SUBURBAN TRANSP.	3,223	3,837	4,570	5,444
WATER TRANSPORTATION	207	243	284	331
AIR TRANSPORTATION	1,421	1,752	2,194	2,748
MISC. OTHER TRANSP. SERVICES	2,092	2,566	3,194	3,969
COMMUNICATIONS	14,520	17,071	21,158	26,222
UTILITIES (ELEC.,GAS,SANITARY)	20,002	23,729	28,325	33,811
WHOLESALE + RETAIL TRADE	265,302	316,645	387,802	474,947
FINANCE,INSURANCE AND REAL ESTATE	51,205	63,789	79,122	98,138
SERVICES	205,895	285,933	365,784	467,936
TOTAL GOVERNMENT	165,885	210,671	277,923	367,399
CIVILIAN GOVERNMENT	159,669	204,436	271,363	360,498
FEDERAL GOVERNMENT	25,689	32,297	40,005	49,552
STATE AND LOCAL GOVERNMENT	133,980	172,139	231,358	310,946
ARMED FORCES	6,216	6,235	6,560	6,901

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	639,908	685,387	712,149	740,000
TOTAL PERSONAL INCOME	1,910,125	2,284,810	2,732,151	3,267,100
TOTAL EARNINGS	1,556,672	1,896,392	2,318,462	2,842,465
PER CAPITA PERSONAL INCOME ($58)	2,985	3,334	3,836	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.09	1.07	1.06

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

I T E M	1967	1970	1975	1980
POPULATION		107.1	111.3	115.6
TOTAL PERSONAL INCOME		119.6	143.0	171.0
TOTAL EARNINGS		121.8	148.9	182.6
AGRICULTURE, FORESTRY + FISHERIES		100.3	97.3	94.5
MINING		86.8	101.7	119.3
CRUDE PETROLEUM + NAT. GAS		107.7	115.4	130.8
MINING EXCL. FUELS		86.7	101.7	119.2
NONMETALLIC		86.7	101.7	119.2
CONTRACT CONSTRUCTION		117.6	141.7	170.8
MANUFACTURING		119.6	142.6	170.2
FOOD + KINDRED PRODUCTS		107.4	115.8	124.9
TEXTILE MILL PRODUCTS		111.8	136.7	167.3
APPAREL + OTHER TEXTILES		107.6	125.7	146.9
PRINTING + PUBLISHING		116.2	143.3	176.9
CHEMICALS + ALLIED PRODUCTS		129.2	164.1	208.3
LUMBER + FURNITURE		113.4	130.4	149.8
MACHINERY, ALL		108.6	131.5	159.3
MACHINERY, EXCL. ELECTRICAL		109.9	134.5	164.7
ELECTRICAL EQUIPMENT + SUPPLIES		104.6	122.0	142.3
TRANSPORTATION EQUIPMENT		158.1	190.4	229.4
MOTOR VEHICLES + EQUIPMENT		157.7	190.6	230.3
TRANSPORTATION EQUIPMENT, EXCL.		161.7	188.9	220.6
OTHER MANUFACTURING		111.6	131.9	156.0
PAPER + ALLIED PRODUCTS		104.3	122.4	143.7
PETROLEUM REFINING		136.8	160.8	189.0
PRIMARY METALS		111.9	131.5	154.5
FABRICATED METALS + ORDNANCE		107.2	131.1	160.4
MISCELLANEOUS MANUFACTURING		108.8	126.8	147.8
STONE, CLAY AND GLASS		106.7	120.7	136.7
OTHER MISC. MANUFACTURING		119.6	157.5	204.2
TRANSPORTATION, COMM., +PUBLUTIL.		111.3	131.0	154.3
TRANSPORTATION		108.5	126.1	146.6
RAILROAD TRANSPORTATION		93.4	103.9	115.7
TRUCKING + WAREHOUSING		124.5	148.6	177.5
OTHER TRANSPORTATION SERVICES		121.0	147.5	179.9
LOCAL AND SUBURBAN TRANSP.		119.1	141.8	168.9
WATER TRANSPORTATION		117.4	137.2	159.9
AIR TRANSPORTATION		123.3	154.4	193.4
MISC. OTHER TRANSP. SERVICES		122.7	152.7	189.7
COMMUNICATIONS		117.6	145.7	180.6
UTILITIES (ELEC., GAS, SANITARY)		118.6	141.6	169.0
WHOLESALE + RETAIL TRADE		119.4	146.2	179.0
FINANCE, INSURANCE AND REAL ESTATE		124.6	154.5	191.7
SERVICES		138.9	177.7	227.3
TOTAL GOVERNMENT		127.0	167.5	221.5
CIVILIAN GOVERNMENT		128.0	170.0	225.8
FEDERAL GOVERNMENT		125.7	155.7	192.9
STATE AND LOCAL GOVERNMENT		128.5	172.7	232.1
ARMED FORCES		100.3	105.5	111.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	353,616	347,800	354,045	360,400
TOTAL PERSONAL INCOME	914,243	1,016,368	1,210,120	1,440,786
TOTAL EARNINGS	736,847	815,534	961,940	1,138,653
PER CAPITA PERSONAL INCOME ($58)	2,585	2,922	3,418	3,998
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.94	.95	.96	.96

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	736,847	815,534	961,940	1,138,653
AGRICULTURE, FORESTRY + FISHERIES	3,527	3,519	3,341	3,174
MINING	36,674	36,365	41,725	47,886
COAL MINING	35,816	35,482	40,623	46,508
CRUDE PETROLEUM + NAT.GAS	150	149	163	178
MINING EXCL. FUELS	708	734	939	1,200
NONMETALLIC	708	734	939	1,200
CONTRACT CONSTRUCTION	56,567	62,688	75,398	90,682
MANUFACTURING	330,336	358,803	411,405	473,180
FOOD + KINDRED PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	2,826	3,064	3,601	4,231
PRINTING + PUBLISHING	3,892	4,197	5,087	6,165
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	1,573	1,993	2,567	3,307
MACHINERY, ALL	14,309	16,774	22,440	30,052
MACHINERY, EXCL. ELECTRICAL	8,975	10,399	13,555	17,669
ELECTRICAL EQUIPMENT + SUPPLIES	5,334	6,375	8,885	12,383
TRANSPORTATION EQUIPMENT	2,546	3,504	5,096	7,433
MOTOR VEHICLES + EQUIPMENT	771	1,311	2,041	3,177
TRANSPORTATION EQUIPMENT, EXCL.	1,775	2,193	3,055	4,256
OTHER MANUFACTURING	282,885	303,314	341,008	383,712
PAPER + ALLIED PRODUCTS	5,377	5,630	6,497	7,497
PETROLEUM REFINING	831	1,199	1,507	1,894
PRIMARY METALS	211,011	230,033	260,568	295,152
FABRICATED METALS + ORDNANCE	23,670	22,866	25,423	28,266
MISCELLANEOUS MANUFACTURING	41,996	43,586	47,103	50,903
STONE, CLAY AND GLASS	34,026	35,160	37,759	40,550
OTHER MISC. MANUFACTURING	7,970	8,426	9,344	10,353
TRANSPORTATION, COMM., + PUBLUTIL.	50,823	52,731	57,847	63,472
TRANSPORTATION	26,371	27,133	29,629	32,361
RAILROAD TRANSPORTATION	12,560	12,109	13,378	14,779
TRUCKING + WAREHOUSING	11,090	11,971	12,858	13,811
OTHER TRANSPORTATION SERVICES	2,721	3,053	3,393	3,771
LOCAL AND SUBURBAN TRANSP.	2,210	2,468	2,775	3,009
WATER TRANSPORTATION	193	224	261	305
AIR TRANSPORTATION	91	115	146	185
MISC. OTHER TRANSP. SERVICES	227	246	261	272
COMMUNICATIONS	6,865	7,133	8,042	9,066
UTILITIES (ELEC., GAS, SANITARY)	17,587	18,465	20,176	22,045
WHOLESALE + RETAIL TRADE	100,796	112,973	137,197	166,611
FINANCE, INSURANCE AND REAL ESTATE	19,306	21,958	26,061	30,930
SERVICES	81,405	99,044	122,159	150,669
TOTAL GOVERNMENT	57,413	67,453	86,807	112,049
CIVILIAN GOVERNMENT	54,195	64,208	83,309	108,278
FEDERAL GOVERNMENT	8,801	10,025	11,752	13,777
STATE AND LOCAL GOVERNMENT	45,394	54,183	71,557	94,501
ARMED FORCES	3,218	3,245	3,408	3,771

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	353,616	347,800	354,045	360,400
TOTAL PERSONAL INCOME	914,243	1,016,368	1,210,120	1,440,786
TOTAL EARNINGS	736,847	815,534	961,940	1,138,653
PER CAPITA PERSONAL INCOME ($58)	2,585	2,922	3,418	3,998
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.94	.95	.96	.96
POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967 (1967 = 100.0)				
POPULATION		98.4	100.1	101.9
TOTAL PERSONAL INCOME		111.2	132.4	157.6
TOTAL EARNINGS		110.7	130.5	154.5
AGRICULTURE,FORESTRY + FISHERIES		99.8	94.7	90.0
MINING		99.2	113.8	130.6
COAL MINING		99.1	113.4	129.9
CRUDE PETROLEUM + NAT.GAS		99.3	108.7	118.7
MINING EXCL. FUELS		103.7	132.6	169.5
NONMETALLIC		103.7	132.6	169.5
CONTRACT CONSTRUCTION		110.8	133.3	160.3
MANUFACTURING		108.6	124.5	143.2
FOOD + KINDRED PRODUCTS		106.9	126.3	149.3
APPAREL + OTHER TEXTILES		108.4	127.4	149.7
PRINTING + PUBLISHING		107.8	130.7	158.4
CHEMICALS + ALLIED PRODUCTS		123.0	151.8	187.3
LUMBER + FURNITURE		126.7	163.2	210.2
MACHINERY, ALL		117.2	156.8	210.0
MACHINERY,EXCL. ELECTRICAL		115.9	151.0	196.9
ELECTRICAL EQUIPMENT + SUPPLIES		119.5	166.6	232.2
TRANSPORTATION EQUIPMENT		137.6	200.2	291.9
MOTOR VEHICLES + EQUIPMENT		170.0	264.7	412.1
TRANSPORTATION EQUIPMENT,EXCL.		123.5	172.1	239.8
OTHER MANUFACTURING		107.2	120.6	135.6
PAPER + ALLIED PRODUCTS		104.7	120.8	139.4
PETROLEUM REFINING		144.3	181.3	227.9
PRIMARY METALS		109.0	123.5	139.9
FABRICATED METALS + ORDNANCE		96.6	107.4	119.4
MISCELLANEOUS MANUFACTURING		103.8	112.2	121.2
STONE, CLAY AND GLASS		103.3	111.0	119.2
OTHER MISC. MANUFACTURING		105.7	117.2	129.9
TRANSPORTATION,COMM.,+PUBLUTIL.		103.8	113.8	124.9
TRANSPORTATION		102.9	112.4	122.7
RAILROAD TRANSPORTATION		96.4	106.5	117.7
TRUCKING + WAREHOUSING		107.9	115.9	124.5
OTHER TRANSPORTATION SERVICES		112.2	124.7	138.6
LOCAL AND SUBURBAN TRANSP.		111.7	123.3	136.2
WATER TRANSPORTATION		116.1	135.2	158.0
AIR TRANSPORTATION		126.4	160.4	203.3
MISC. OTHER TRANSP. SERVICES		108.4	115.0	119.8
COMMUNICATIONS		103.9	117.1	132.1
UTILITIES (ELEC.,GAS,SANITARY)		105.0	114.7	125.3
WHOLESALE + RETAIL TRADE		112.1	136.1	165.3
FINANCE,INSURANCE AND REAL ESTATE		113.7	135.0	160.2
SERVICES		121.7	150.1	185.1
TOTAL GOVERNMENT		117.5	151.2	195.2
CIVILIAN GOVERNMENT		118.5	153.7	199.8
FEDERAL GOVERNMENT		113.9	133.5	156.5
STATE AND LOCAL GOVERNMENT		119.4	157.6	208.2
ARMED FORCES		100.8	108.7	117.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 32
CHATTANOOGA, TENNESSEE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	289,092	293.034	301.399	310.000
TOTAL PERSONAL INCOME	807,145	934.204	1.114.626	1.329.900
TOTAL EARNINGS	684,122	794.073	986.223	1.228.938
PER CAPITA PERSONAL INCOME ($58)	2,792	3.188	3.698	4.290
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.01	1.04	1.03	1.03

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	684,122	794.073	986.223	1.228.938
AGRICULTURE.FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
COAL MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	37,318	42.433	52.279	64.409
MANUFACTURING	300,717	345.688	419.809	511.441
FOOD + KINDRED PRODUCTS	D	D	D	D
TEXTILE MILL PRODUCTS	53,839	57.419	65.810	75.427
APPAREL + OTHER TEXTILES	4,598	5.242	6.616	8.351
PRINTING + PUBLISHING	D	D	D	D
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	7,300	7.984	8.905	9.932
MACHINERY, ALL	D	D	D	D
MACHINERY.EXCL. ELECTRICAL	16,845	17.834	21.132	25.040
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	4,354	5.534	7.036	8.951
TRANSPORTATION EQUIPMENT.EXCL.	D	D	D	D
OTHER MANUFACTURING	116,526	128.422	153.901	184.584
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	28,297	31.452	36.114	41.467
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	23,216	26.345	32.614	40.375
STONE, CLAY AND GLASS	14,821	16.498	19.852	23.887
OTHER MISC. MANUFACTURING	8,395	9.847	12.762	16.488
TRANSPORTATION.COMM..PUBLUTIL.	31,581	34.401	41.567	50.390
TRANSPORTATION	21,523	23.007	27.338	32.616
RAILROAD TRANSPORTATION	10,857	10.174	11.257	12.456
TRUCKING + WAREHOUSING	6,897	8.333	10.297	12.725
OTHER TRANSPORTATION SERVICES	3,769	4.500	5.784	7.435
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
WATER TRANSPORTATION	427	532	724	985
AIR TRANSPORTATION	1,056	1.292	1.718	2.284
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC..GAS.SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	114,569	131.583	164.157	204.795
FINANCE.INSURANCE AND REAL ESTATE	46,099	54.360	66.962	82.485
SERVICES	86,897	103.828	133.805	172.437
TOTAL GOVERNMENT	62,331	76.420	102.239	137.453
CIVILIAN GOVERNMENT	58,938	73.058	98.716	133.761
FEDERAL GOVERNMENT	21,074	25.420	31.851	39.910
STATE AND LOCAL GOVERNMENT	37,864	47.638	66.865	93.851
ARMED FORCES	3,393	3.362	3.523	3.692

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 32
CHATTANOOGA, TENNESSEE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	289,092	293,034	301,399	310,000
TOTAL PERSONAL INCOME	807,145	934,204	1,114,626	1,329,900
TOTAL EARNINGS	684,122	794,073	986,223	1,228,938
PER CAPITA PERSONAL INCOME ($58)	2,792	3,188	3,698	4,290
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.01	1.04	1.03	1.03

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	101.4	106.2	107.2
TOTAL PERSONAL INCOME	115.7	138.1	164.8
TOTAL EARNINGS	116.1	144.2	179.6
AGRICULTURE, FORESTRY + FISHERIES	117.4	114.1	111.4
MINING	108.6	138.1	176.2
COAL MINING	96.2	100.0	103.8
MINING EXCL. FUELS	109.8	141.7	183.0
NONMETALLIC	109.8	141.7	183.0
CONTRACT CONSTRUCTION	113.7	140.1	172.6
MANUFACTURING	115.0	139.6	170.1
FOOD + KINDRED PRODUCTS	103.9	116.9	131.7
TEXTILE MILL PRODUCTS	106.6	122.2	140.1
APPAREL + OTHER TEXTILES	114.0	143.9	181.6
PRINTING + PUBLISHING	110.1	135.5	166.8
CHEMICALS + ALLIED PRODUCTS	139.8	182.7	240.0
LUMBER + FURNITURE	109.4	122.0	136.1
MACHINERY, ALL	106.8	128.6	154.9
MACHINERY, EXCL. ELECTRICAL	105.9	125.4	148.6
ELECTRICAL EQUIPMENT + SUPPLIES	110.1	139.1	175.9
TRANSPORTATION EQUIPMENT	127.1	161.6	205.6
TRANSPORTATION EQUIPMENT, EXCL.	114.3	146.3	187.3
OTHER MANUFACTURING	110.2	132.1	158.4
PAPER + ALLIED PRODUCTS	100.7	115.7	132.8
PETROLEUM REFINING	141.0	172.1	211.5
PRIMARY METALS	111.1	127.6	146.5
FABRICATED METALS + ORDNANCE	109.5	132.7	160.8
MISCELLANEOUS MANUFACTURING	113.5	140.5	173.9
STONE, CLAY AND GLASS	111.3	133.9	161.2
OTHER MISC. MANUFACTURING	117.3	152.0	196.4
TRANSPORTATION, COMM., + PUBLUTIL.	108.9	131.6	159.6
TRANSPORTATION	106.9	127.0	151.5
RAILROAD TRANSPORTATION	93.7	103.7	114.7
TRUCKING + WAREHOUSING	120.8	149.3	184.5
OTHER TRANSPORTATION SERVICES	119.4	153.5	197.3
LOCAL AND SUBURBAN TRANSP.	116.6	144.4	179.0
WATER TRANSPORTATION	124.6	169.6	230.7
AIR TRANSPORTATION	122.3	162.7	216.3
MISC. OTHER TRANSP. SERVICES	122.0	163.6	214.8
COMMUNICATIONS	113.2	142.9	180.4
UTILITIES (ELEC., GAS, SANITARY)	113.6	137.4	166.2
WHOLESALE + RETAIL TRADE	114.9	143.3	178.8
FINANCE, INSURANCE AND REAL ESTATE	117.9	145.3	178.9
SERVICES	119.5	154.0	198.4
TOTAL GOVERNMENT	122.6	164.0	220.5
CIVILIAN GOVERNMENT	124.0	167.5	227.0
FEDERAL GOVERNMENT	120.6	151.1	189.4
STATE AND LOCAL GOVERNMENT	125.8	176.6	247.9
ARMED FORCES	99.1	103.8	108.8

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 33
ATLANTA, GA.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,288,500	1,363,700	1,510,453	1,673,000
TOTAL PERSONAL INCOME	3,918,688	4,614,609	5,974,255	7,734,481
TOTAL EARNINGS	3,359,793	3,933,493	5,036,180	6,462,932
PER CAPITA PERSONAL INCOME ($58)	3,041	3,384	3,955	4,623
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.10	1.10	1.11	1.11

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	3,359,793	3,933,493	5,036,180	6,462,932
AGRICULTURE,FORESTRY + FISHERIES	5,765	6,372	6,139	5,928
MINING	3,982	4,324	5,273	6,427
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	3,886	4,215	5,145	6,280
CONTRACT CONSTRUCTION	224,840	257,092	324,405	409,346
MANUFACTURING	784,673	911,645	1,127,963	1,399,521
FOOD + KINDRED PRODUCTS	82,999	85,785	97,305	110,370
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	37,476	40,999	49,011	58,589
PRINTING + PUBLISHING	58,690	64,922	81,640	102,661
CHEMICALS + ALLIED PRODUCTS	32,030	38,367	48,411	61,085
LUMBER + FURNITURE	30,540	35,207	41,693	49,374
MACHINERY, ALL	52,134	62,062	85,275	117,454
MACHINERY,EXCL. ELECTRICAL	31,905	37,095	48,901	64,463
ELECTRICAL EQUIPMENT + SUPPLIES	20,229	24,967	36,374	52,991
TRANSPORTATION EQUIPMENT	306,496	366,752	447,204	545,316
MOTOR VEHICLES + EQUIPMENT	83,216	120,217	147,594	181,106
TRANSPORTATION EQUIPMENT,EXCL.	223,280	246,535	299,650	364,210
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	885	1,354	1,775	2,326
PRIMARY METALS	19,653	22,460	26,927	32,283
FABRICATED METALS + ORDNANCE	32,429	43,948	57,947	76,405
MISCELLANEOUS MANUFACTURING	54,401	65,572	87,437	116,590
STONE, CLAY AND GLASS	24,921	30,194	40,555	54,471
OTHER MISC. MANUFACTURING	29,480	35,378	46,882	62,119
TRANSPORTATION,COMM.,+PUBLUTIL.	386,959	444,586	558,304	701,772
TRANSPORTATION	266,392	307,792	385,421	483,210
RAILROAD TRANSPORTATION	39,963	37,657	42,777	48,592
TRUCKING + WAREHOUSING	104,452	127,742	162,740	207,324
OTHER TRANSPORTATION SERVICES	121,977	142,393	179,904	227,294
LOCAL AND SUBURBAN TRANSP.	13,356	15,097	18,163	21,852
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	7,863	8,810	10,504	12,388
COMMUNICATIONS	75,669	85,553	109,633	140,488
UTILITIES (ELEC.,GAS,SANITARY)	44,898	51,241	63,250	78,074
WHOLESALE + RETAIL TRADE	807,305	941,816	1,220,193	1,580,838
FINANCE,INSURANCE AND REAL ESTATE	254,340	306,476	390,705	498,084
SERVICES	480,122	570,104	763,930	1,023,654
TOTAL GOVERNMENT	411,807	491,078	639,288	837,362
CIVILIAN GOVERNMENT	372,267	450,139	593,370	785,860
FEDERAL GOVERNMENT	190,262	223,427	274,133	336,344
STATE AND LOCAL GOVERNMENT	182,005	226,712	319,237	449,516
ARMED FORCES	39,540	40,939	45,918	51,502

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,288,500	1,363,700	1,510,453	1,673,000
TOTAL PERSONAL INCOME	3,918,688	4,614,609	5,974,255	7,734,481
TOTAL EARNINGS	3,359,793	3,933,493	5,036,180	6,462,932
PER CAPITA PERSONAL INCOME ($58)	3,041	3,384	3,955	4,623
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.10	1.10	1.11	1.11

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1967	1970	1975	1980
POPULATION		105.8	117.2	129.8
TOTAL PERSONAL INCOME		117.8	152.5	197.4
TOTAL EARNINGS		117.1	149.9	192.4
AGRICULTURE, FORESTRY + FISHERIES		110.5	106.5	102.8
MINING		108.6	132.4	161.4
MINING EXCL. FUELS		108.6	132.4	161.4
METAL MINING		113.5	132.3	153.1
NONMETALLIC		108.5	132.4	161.6
CONTRACT CONSTRUCTION		114.3	144.3	182.1
MANUFACTURING		116.2	143.7	178.4
FOOD + KINDRED PRODUCTS		103.4	117.2	133.0
TEXTILE MILL PRODUCTS		107.3	124.3	144.0
APPAREL + OTHER TEXTILES		109.4	130.8	156.3
PRINTING + PUBLISHING		110.6	139.1	174.9
CHEMICALS + ALLIED PRODUCTS		119.8	151.1	190.7
LUMBER + FURNITURE		115.3	136.5	161.7
MACHINERY, ALL		119.0	163.6	225.3
MACHINERY, EXCL. ELECTRICAL		116.3	153.3	202.0
ELECTRICAL EQUIPMENT + SUPPLIES		123.4	179.8	262.0
TRANSPORTATION EQUIPMENT		119.7	145.9	177.9
MOTOR VEHICLES + EQUIPMENT		144.5	177.3	217.6
TRANSPORTATION EQUIPMENT, EXCL.		110.4	134.2	163.1
OTHER MANUFACTURING		120.5	156.6	203.7
PAPER + ALLIED PRODUCTS		111.2	142.5	182.6
PETROLEUM REFINING		193.0	200.6	262.8
PRIMARY METALS		114.3	137.0	164.3
FABRICATED METALS + ORDNANCE		135.5	178.7	235.6
MISCELLANEOUS MANUFACTURING		120.5	160.7	214.3
STONE, CLAY AND GLASS		121.2	162.7	218.6
OTHER MISC. MANUFACTURING		120.0	159.0	210.7
TRANSPORTATION, COMM., PUBLUTIL.		114.9	144.3	181.4
TRANSPORTATION		115.5	144.7	181.4
RAILROAD TRANSPORTATION		94.2	107.0	121.6
TRUCKING + WAREHOUSING		122.3	155.8	198.5
OTHER TRANSPORTATION SERVICES		116.7	147.5	186.3
LOCAL AND SUBURBAN TRANSP.		113.0	136.0	163.6
WATER TRANSPORTATION		133.3	195.7	287.6
AIR TRANSPORTATION		117.6	150.0	191.4
MISC. OTHER TRANSP. SERVICES		112.0	133.6	157.5
COMMUNICATIONS		113.1	144.9	185.7
UTILITIES (ELEC., GAS, SANITARY)		114.1	140.9	173.9
WHOLESALE + RETAIL TRADE		116.7	151.1	195.8
FINANCE, INSURANCE AND REAL ESTATE		120.5	153.6	195.8
SERVICES		118.7	159.1	213.2
TOTAL GOVERNMENT		119.2	155.2	203.3
CIVILIAN GOVERNMENT		120.9	159.4	211.1
FEDERAL GOVERNMENT		117.4	144.1	176.8
STATE AND LOCAL GOVERNMENT		124.6	175.4	247.0
ARMED FORCES		103.5	116.1	130.3

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 34
MEMPHIS, TENN.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	760,500	777,100	834,119	895,300
TOTAL PERSONAL INCOME	1,840,592	2,127,633	2,686,876	3,393,108
TOTAL EARNINGS	1,521,460	1,749,765	2,187,451	2,743,328
PER CAPITA PERSONAL INCOME ($58)	2,420	2,738	3,221	3,790
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.88	.89	.90	.91

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	1,521,460	1,749,765	2,187,451	2,743,328
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	100,403	111,919	137,884	169,874
MANUFACTURING	339,697	389,170	481,516	598,076
FOOD + KINDRED PRODUCTS	59,191	59,941	66,867	74,593
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	8,494	9,186	10,748	12,575
PRINTING + PUBLISHING	D	D	D	D
CHEMICALS + ALLIED PRODUCTS	32,683	41,723	53,619	68,907
LUMBER + FURNITURE	35,495	40,612	48,408	57,701
MACHINERY, ALL	64,338	74,950	100,677	135,542
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	7,241	10,326	12,885	16,078
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	109,992	127,159	156,984	193,826
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	20,404	25,364	31,469	39,044
MISCELLANEOUS MANUFACTURING	49,292	56,315	70,011	87,037
STONE, CLAY AND GLASS	6,223	6,930	8,292	9,922
OTHER MISC. MANUFACTURING	43,069	49,385	61,719	77,115
TRANSPORTATION,COMM.,+PUBLUTIL.	132,778	146,940	177,850	215,490
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	33,561	31,960	36,343	41,326
TRUCKING + WAREHOUSING	55,598	66,061	80,938	99,165
OTHER TRANSPORTATION SERVICES	25,777	29,277	36,116	44,553
LOCAL AND SUBURBAN TRANSP.	8,976	9,916	11,733	13,884
WATER TRANSPORTATION	4,469	5,232	6,722	8,637
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	1,243	1,366	1,618	1,916
WHOLESALE + RETAIL TRADE	344,491	396,332	502,972	638,296
FINANCE,INSURANCE AND REAL ESTATE	77,748	90,433	112,455	139,839
SERVICES	230,925	272,456	351,719	454,040
TOTAL GOVERNMENT	262,707	310,935	391,217	495,527
CIVILIAN GOVERNMENT	204,534	242,653	315,948	412,557
FEDERAL GOVERNMENT	83,135	96,293	117,117	142,445
STATE AND LOCAL GOVERNMENT	121,399	146,360	198,831	270,112
ARMED FORCES	58,173	68,282	75,249	82,970

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	760,500	777,100	834,119	895,300
TOTAL PERSONAL INCOME	1,840,592	2,127,633	2,686,876	3,393,108
TOTAL EARNINGS	1,521,460	1,749,765	2,187,451	2,743,328
PER CAPITA PERSONAL INCOME ($58)	2,420	2,738	3,221	3,790
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.88	.89	.90	.91

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	102.2	109.7	117.7
TOTAL PERSONAL INCOME	115.6	146.0	184.3
TOTAL EARNINGS	115.0	143.8	180.3
AGRICULTURE, FORESTRY + FISHERIES	96.1	95.5	95.0
MINING	102.4	122.8	147.3
MINING EXCL. FUELS	103.5	124.3	149.2
NONMETALLIC	103.5	124.3	149.2
CONTRACT CONSTRUCTION	111.5	137.3	169.2
MANUFACTURING	114.6	141.7	176.1
FOOD + KINDRED PRODUCTS	101.3	113.0	126.0
TEXTILE MILL PRODUCTS	133.2	170.9	219.3
APPAREL + OTHER TEXTILES	108.1	126.5	148.0
PRINTING + PUBLISHING	107.2	131.0	160.1
CHEMICALS + ALLIED PRODUCTS	127.7	164.1	210.8
LUMBER + FURNITURE	114.4	136.4	162.6
MACHINERY, ALL	116.5	156.5	210.7
MACHINERY, EXCL. ELECTRICAL	114.0	146.6	188.4
ELECTRICAL EQUIPMENT + SUPPLIES	119.8	169.4	239.7
TRANSPORTATION EQUIPMENT	142.6	177.9	222.0
MOTOR VEHICLES + EQUIPMENT	152.3	190.5	238.1
TRANSPORTATION EQUIPMENT, EXCL.	111.8	138.4	171.3
OTHER MANUFACTURING	115.6	142.7	176.2
PAPER + ALLIED PRODUCTS	109.5	134.0	164.0
PETROLEUM REFINING	142.0	175.5	216.8
PRIMARY METALS	114.7	136.7	163.1
FABRICATED METALS + ORDNANCE	124.3	154.2	191.4
MISCELLANEOUS MANUFACTURING	114.2	142.0	176.6
STONE, CLAY AND GLASS	111.4	133.2	159.4
OTHER MISC. MANUFACTURING	114.7	143.3	179.0
TRANSPORTATION, COMM., +PUBLUTIL.	110.7	133.9	162.3
TRANSPORTATION	110.8	133.5	161.0
RAILROAD TRANSPORTATION	95.2	108.3	123.1
TRUCKING + WAREHOUSING	118.8	145.6	178.4
OTHER TRANSPORTATION SERVICES	113.6	140.1	172.8
LOCAL AND SUBURBAN TRANSP.	110.5	130.7	154.7
WATER TRANSPORTATION	117.1	150.4	193.3
AIR TRANSPORTATION	114.8	143.7	179.9
MISC. OTHER TRANSP. SERVICES	113.7	141.2	173.5
COMMUNICATIONS	110.1	137.6	171.9
UTILITIES (ELEC., GAS, SANITARY)	109.9	130.2	154.1
WHOLESALE + RETAIL TRADE	115.0	146.0	185.3
FINANCE, INSURANCE AND REAL ESTATE	116.3	144.6	179.9
SERVICES	118.0	152.3	196.6
TOTAL GOVERNMENT	118.4	148.9	188.6
CIVILIAN GOVERNMENT	118.6	154.5	201.7
FEDERAL GOVERNMENT	115.8	140.9	171.3
STATE AND LOCAL GOVERNMENT	120.6	163.8	222.5
ARMED FORCES	117.4	129.4	142.6

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	948,698	992,531	1,082,766	1,181,200
TOTAL PERSONAL INCOME	2,858,428	3,298,643	4,147,594	5,214,998
TOTAL EARNINGS	2,324,511	2,669,922	3,372,727	4,271,742
PER CAPITA PERSONAL INCOME ($58)	3,013	3,323	3,831	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.09	1.08	1.07	1.06

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	2,324,511	2,669,922	3,372,727	4,271,742
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
COAL MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	2,398	2,427	2,842	3,328
CONTRACT CONSTRUCTION	151,885	165,231	200,859	244,170
MANUFACTURING	573,721	632,696	782,075	970,444
FOOD + KINDRED PRODUCTS	66,511	69,276	79,350	90,888
TEXTILE MILL PRODUCTS	12,630	14,665	18,818	24,148
APPAREL + OTHER TEXTILES	13,527	14,959	18,280	22,339
PRINTING + PUBLISHING	25,898	28,273	35,533	44,657
CHEMICALS + ALLIED PRODUCTS	13,566	15,058	18,577	22,919
LUMBER + FURNITURE	78,073	84,803	98,915	115,373
MACHINERY, ALL	105,043	122,962	166,230	224,876
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	56,598	72,589	93,845	171,390
MOTOR VEHICLES + EQUIPMENT	17,659	26,837	33,649	42,190
TRANSPORTATION EQUIPMENT,EXCL.	38,939	45,752	60,196	79,200
OTHER MANUFACTURING	201,875	210,111	252,527	303,854
PAPER + ALLIED PRODUCTS	60,838	63,001	74,777	88,752
PETROLEUM REFINING	2,605	[illegible]	4,581	5,659
PRIMARY METALS	51,429	56,648	65,185	75,009
FABRICATED METALS + ORDNANCE	50,001	44,209	54,316	66,734
MISCELLANEOUS MANUFACTURING	37,002	42,545	53,668	67,700
STONE,CLAY AND GLASS	14,019	15,824	19,425	23,845
OTHER MISC. MANUFACTURING	22,983	26,721	34,243	43,855
TRANSPORTATION,COMM.,+PUBLUTIL.	237,180	258,618	310,452	373,062
TRANSPORTATION	164,254	178,212	211,878	252,185
RAILROAD TRANSPORTATION	46,407	43,707	48,911	54,734
TRUCKING + WAREHOUSING	64,173	74,140	89,627	108,348
OTHER TRANSPORTATION SERVICES	53,674	60,365	73,340	89,103
LOCAL AND SUBURBAN TRANSP.	10,528	11,383	13,016	14,883
WATER TRANSPORTATION	32,163	36,442	44,738	54,922
AIR TRANSPORTATION	6,795	7,873	9,955	12,588
MISC. OTHER TRANSP. SERVICES	4,188	4,667	5,631	6,710
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	506,372	586,843	753,520	967,535
FINANCE,INSURANCE AND REAL ESTATE	148,743	172,617	214,675	266,978
SERVICES	356,584	440,070	576,249	754,614
TOTAL GOVERNMENT	311,263	372,875	491,583	649,154
CIVILIAN GOVERNMENT	301,255	362,727	480,534	637,123
FEDERAL GOVERNMENT	100,873	120,300	152,885	194,295
STATE AND LOCAL GOVERNMENT	200,382	242,427	327,649	442,828
ARMED FORCES	10,008	10,148	11,049	12,031

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	948,698	992,531	1,082,746	1,181,200
TOTAL PERSONAL INCOME	2,858,428	3,298,643	4,147,594	5,214,998
TOTAL EARNINGS	2,324,511	2,669,922	3,372,727	4,271,742
PER CAPITA PERSONAL INCOME ($58)	3,013	3,323	3,831	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.09	1.08	1.07	1.06

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

I T E M	1967	1970	1975	1980
POPULATION		104.6	114.1	124.5
TOTAL PERSONAL INCOME		115.4	145.1	182.4
TOTAL EARNINGS		114.9	145.1	183.8
AGRICULTURE, FORESTRY + FISHERIES		106.0	111.2	116.7
MINING		101.5	118.8	138.9
COAL MINING		126.7	140.0	153.3
MINING EXCL. FUELS		101.3	118.6	138.8
METAL MINING		115.8	131.6	147.4
NONMETALLIC		101.2	118.5	138.8
CONTRACT CONSTRUCTION		108.8	132.2	160.8
MANUFACTURING		110.3	136.3	169.1
FOOD + KINDRED PRODUCTS		104.2	119.3	136.7
TEXTILE MILL PRODUCTS		116.1	149.0	191.2
APPAREL + OTHER TEXTILES		110.6	135.1	165.1
PRINTING + PUBLISHING		109.2	137.2	172.4
CHEMICALS + ALLIED PRODUCTS		111.0	136.9	168.9
LUMBER + FURNITURE		108.6	126.7	147.8
MACHINERY, ALL		117.1	158.2	214.1
MACHINERY, EXCL. ELECTRICAL		116.1	152.6	200.6
ELECTRICAL EQUIPMENT + SUPPLIES		117.9	163.4	226.5
TRANSPORTATION EQUIPMENT		128.3	165.8	214.5
MOTOR VEHICLES + EQUIPMENT		152.0	190.5	238.9
TRANSPORTATION EQUIPMENT, EXCL.		117.5	154.6	203.4
OTHER MANUFACTURING		104.1	125.1	150.5
PAPER + ALLIED PRODUCTS		103.6	122.9	145.9
PETROLEUM REFINING		142.3	175.9	217.2
PRIMARY METALS		110.1	126.7	145.8
FABRICATED METALS + ORDNANCE		88.4	108.6	133.5
MISCELLANEOUS MANUFACTURING		115.0	145.0	183.0
STONE, CLAY AND GLASS		112.9	138.6	170.1
OTHER MISC. MANUFACTURING		116.3	149.0	190.8
TRANSPORTATION, COMM., +PUBLUTIL.		109.0	130.9	157.3
TRANSPORTATION		108.5	129.0	153.5
RAILROAD TRANSPORTATION		94.2	105.4	117.9
TRUCKING + WAREHOUSING		115.5	139.7	168.8
OTHER TRANSPORTATION SERVICES		112.5	136.6	166.0
LOCAL AND SUBURBAN TRANSP.		108.1	123.6	141.4
WATER TRANSPORTATION		113.3	139.1	170.8
AIR TRANSPORTATION		115.9	146.5	185.3
MISC. OTHER TRANSP. SERVICES		111.4	134.5	160.2
COMMUNICATIONS		109.6	136.2	169.3
UTILITIES (ELEC., GAS, SANITARY)		111.1	133.7	160.9
WHOLESALE + RETAIL TRADE		115.9	148.8	191.1
FINANCE, INSURANCE AND REAL ESTATE		116.1	144.3	179.5
SERVICES		123.4	161.6	211.6
TOTAL GOVERNMENT		119.8	157.9	208.6
CIVILIAN GOVERNMENT		120.4	159.5	211.5
FEDERAL GOVERNMENT		119.3	151.6	192.6
STATE AND LOCAL GOVERNMENT		121.0	163.5	221.0
ARMED FORCES		101.4	110.4	120.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 36
SALT LAKE CITY, UTAH

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	756,643	827,424	894,448	966,900
TOTAL PERSONAL INCOME	1,861,342	2,191,492	2,786,758	3,543,688
TOTAL EARNINGS	1,546,261	1,811,049	2,292,835	2,910,931
PER CAPITA PERSONAL INCOME ($58)	2,460	2,649	3,116	3,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.89	.86	.87	.88

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,546,261	1,811,049	2,292,835	2,910,931
AGRICULTURE, FORESTRY + FISHERIES	18,635	19,578	20,249	20,947
MINING	42,937	47,938	55,169	63,513
COAL MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	41,733	46,770	53,978	62,300
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	88,411	101,483	127,462	160,089
MANUFACTURING	271,210	303,989	369,034	449,703
FOOD + KINDRED PRODUCTS	40,489	42,935	50,060	58,367
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	D	D	D	D
CHEMICALS + ALLIED PRODUCTS	5,369	7,799	9,328	11,157
LUMBER + FURNITURE	6,553	7,691	9,192	10,985
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	22,502	26,787	35,385	46,742
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	29,802	33,631	41,474	51,146
MOTOR VEHICLES + EQUIPMENT	1,257	1,729	2,102	2,555
TRANSPORTATION EQUIPMENT, EXCL.	28,545	31,902	39,372	48,591
OTHER MANUFACTURING	127,246	160,476	166,446	192,985
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	58,440	63,263	71,161	80,044
FABRICATED METALS + ORDNANCE	40,609	43,792	53,403	65,123
MISCELLANEOUS MANUFACTURING	17,823	19,950	24,251	29,480
STONE, CLAY AND GLASS	10,062	11,044	13,042	15,402
OTHER MISC. MANUFACTURING	7,761	8,906	11,209	14,078
TRANSPORTATION, COMM., +PUBLUTIL.	149,026	163,201	198,672	242,260
TRANSPORTATION	103,905	112,299	135,700	164,260
RAILROAD TRANSPORTATION	50,723	48,788	56,196	64,729
TRUCKING + WAREHOUSING	37,660	45,262	56,378	70,225
OTHER TRANSPORTATION SERVICES	15,522	18,249	23,126	29,306
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	3,406	4,053	5,231	6,733
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	284,566	330,268	420,504	535,396
FINANCE, INSURANCE AND REAL ESTATE	73,852	88,552	112,459	142,817
SERVICES	208,164	266,008	353,620	470,089
TOTAL GOVERNMENT	409,460	490,032	635,666	826,117
CIVILIAN GOVERNMENT	379,249	458,925	601,050	787,596
FEDERAL GOVERNMENT	219,996	266,956	342,881	440,397
STATE AND LOCAL GOVERNMENT	159,253	191,969	25[illegible],169	347,199
ARMED FORCES	30,211	31,107	34,616	38,521

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	756,643	827,424	894,448	966,900
TOTAL PERSONAL INCOME	1,861,342	2,191,492	2,786,758	3,543,688
TOTAL EARNINGS	1,546,261	1,811,049	2,292,835	2,910,931
PER CAPITA PERSONAL INCOME ($58)	2,460	2,649	3,116	3,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.89	.86	.87	.88

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	109.4	118.2	127.8
TOTAL PERSONAL INCOME	117.7	149.7	190.4
TOTAL EARNINGS	117.1	148.3	188.3
AGRICULTURE, FORESTRY + FISHERIES	105.1	108.7	112.4
MINING	111.6	128.5	147.9
COAL MINING	85.7	85.7	85.3
CRUDE PETROLEUM + NAT.GAS	100.1	102.5	105.0
MINING EXCL. FUELS	112.1	129.3	149.3
METAL MINING	112.4	130.0	150.2
NONMETALLIC	103.8	115.9	129.4
CONTRACT CONSTRUCTION	114.8	144.2	181.1
MANUFACTURING	112.1	136.1	165.8
FOOD + KINDRED PRODUCTS	106.0	123.6	144.2
TEXTILE MILL PRODUCTS	103.8	117.7	134.2
APPAREL + OTHER TEXTILES	118.1	155.5	204.9
PRINTING + PUBLISHING	111.9	141.8	179.6
CHEMICALS + ALLIED PRODUCTS	145.3	173.7	207.8
LUMBER + FURNITURE	117.4	140.3	167.6
MACHINERY, ALL	117.0	157.7	212.7
MACHINERY, EXCL. ELECTRICAL	119.0	157.3	207.7
ELECTRICAL EQUIPMENT + SUPPLIES	113.9	158.4	220.4
TRANSPORTATION EQUIPMENT	112.8	139.2	171.6
MOTOR VEHICLES + EQUIPMENT	137.5	167.2	203.3
TRANSPORTATION EQUIPMENT, EXCL.	111.8	137.9	170.2
OTHER MANUFACTURING	110.4	129.3	151.7
PAPER + ALLIED PRODUCTS	116.0	155.2	207.8
PETROLEUM REFINING	133.0	150.2	169.6
PRIMARY METALS	108.3	121.8	137.0
FABRICATED METALS + ORDNANCE	107.8	131.5	160.4
MISCELLANEOUS MANUFACTURING	111.9	136.1	165.4
STONE, CLAY AND GLASS	109.8	129.6	153.1
OTHER MISC. MANUFACTURING	114.8	144.4	181.4
TRANSPORTATION, COMM.,+PUBLUTIL.	109.5	133.3	162.6
TRANSPORTATION	108.1	130.6	158.1
RAILROAD TRANSPORTATION	96.2	110.8	127.6
TRUCKING + WAREHOUSING	120.2	149.7	186.5
OTHER TRANSPORTATION SERVICES	117.6	149.0	188.8
LOCAL AND SUBURBAN TRANSP.	114.7	140.1	171.1
AIR TRANSPORTATION	119.1	153.8	198.5
MISC. OTHER TRANSP. SERVICES	119.0	153.6	197.7
COMMUNICATIONS	113.5	144.8	184.6
UTILITIES (ELEC.,GAS,SANITARY)	112.0	133.0	158.0
WHOLESALE + RETAIL TRADE	116.1	147.8	188.1
FINANCE, INSURANCE AND REAL ESTATE	119.9	152.3	193.4
SERVICES	127.8	169.9	225.8
TOTAL GOVERNMENT	119.7	155.2	201.8
CIVILIAN GOVERNMENT	121.0	158.5	207.7
FEDERAL GOVERNMENT	121.3	155.9	200.2
STATE AND LOCAL GOVERNMENT	120.5	162.1	218.0
ARMED FORCES	103.0	114.6	127.5

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 37
NEW ORLEANS, LA.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	999,000	1,032,400	1,093,147	1,157,500
TOTAL PERSONAL INCOME	2,842,200	3,156,072	3,880,944	4,772,319
TOTAL EARNINGS	2,251,414	2,499,925	3,070,147	3,780,154
PER CAPITA PERSONAL INCOME ($58)	2,845	3,057	3,550	4,123
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.00	.99	.99

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	2,251,414	2,499,925	3,070,147	3,780,154
AGRICULTURE,FORESTRY + FISHERIES	5,386	5,007	5,297	5,684
MINING	127,269	144,403	169,358	198,628
CRUDE PETROLEUM + NAT.GAS	121,971	138,748	162,665	190,706
MINING EXCL. FUELS	5,298	5,655	6,693	7,922
NONMETALLIC	5,298	5,655	6,693	7,922
CONTRACT CONSTRUCTION	185,702	192,948	213,359	235,927
MANUFACTURING	389,052	409,497	496,688	604,235
FOOD + KINDRED PRODUCTS	72,629	73,825	81,668	90,344
TEXTILE MILL PRODUCTS	2,636	2,653	2,828	3,015
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	16,027	17,011	21,021	25,977
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	6,967	7,790	9,025	10,456
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	10,995	12,390	15,732	19,976
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	D	D	D	D
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	78,846	90,642	115,996	148,440
OTHER MANUFACTURING	168,451	170,108	208,096	254,892
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	8,913	12,215	14,369	16,903
PRIMARY METALS	23,906	26,180	29,914	34,180
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	33,714	37,918	46,400	56,779
STONE, CLAY AND GLASS	27,185	30,821	38,140	47,197
OTHER MISC. MANUFACTURING	6,529	7,097	8,260	9,582
TRANSPORTATION,COMM.,+PUBLUTIL.	297,682	325,211	387,629	462,370
TRANSPORTATION	237,525	260,171	308,544	366,191
RAILROAD TRANSPORTATION	24,475	21,839	23,587	25,475
TRUCKING + WAREHOUSING	36,938	42,592	51,622	62,566
OTHER TRANSPORTATION SERVICES	176,112	195,740	233,335	278,150
LOCAL AND SUBURBAN TRANSP.	20,460	21,601	23,741	26,093
WATER TRANSPORTATION	124,661	137,039	160,778	188,628
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	36,220	38,898	47,790	58,714
UTILITIES (ELEC.,GAS,SANITARY)	23,937	26,142	31,295	37,465
WHOLESALE + RETAIL TRADE	454,929	518,031	649,592	814,565
FINANCE,INSURANCE AND REAL ESTATE	144,179	162,621	196,847	238,275
SERVICES	360,539	408,940	520,159	661,626
TOTAL GOVERNMENT	286,676	333,267	431,218	558,844
CIVILIAN GOVERNMENT	270,773	316,806	412,755	538,136
FEDERAL GOVERNMENT	96,662	112,891	141,846	178,227
STATE AND LOCAL GOVERNMENT	174,111	203,915	270,909	359,909
ARMED FORCES	15,903	16,461	18,463	20,708

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	999,000	1,032,400	1,093,147	1,157,500
TOTAL PERSONAL INCOME	2,842,200	3,156,072	3,880,944	4,772,319
TOTAL EARNINGS	2,251,414	2,499,925	3,070,147	3,780,154
PER CAPITA PERSONAL INCOME ($58)	2,845	3,057	3,550	4,123
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.00	.99	.99

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	103.3	109.4	115.9
TOTAL PERSONAL INCOME	111.0	136.5	167.9
TOTAL EARNINGS	111.0	136.4	167.9
AGRICULTURE,FORESTRY + FISHERIES	93.0	98.3	105.5
MINING	113.5	133.1	156.1
CRUDE PETROLEUM + NAT.GAS	113.8	133.4	156.4
MINING EXCL. FUELS	106.7	126.3	149.5
NONMETALLIC	106.7	126.3	149.5
CONTRACT CONSTRUCTION	103.9	114.9	127.0
MANUFACTURING	105.3	127.7	155.3
FOOD + KINDRED PRODUCTS	101.6	112.4	124.4
TEXTILF MILL PRODUCTS	100.6	107.3	114.4
APPAREL + OTHER TEXTILES	107.1	124.4	144.6
PRINTING + PUBLISHING	106.1	131.2	162.1
CHEMICALS + ALLIED PRODUCTS	108.5	135.9	170.3
LUMBER + FURNITURE	111.8	129.5	150.1
MACHINERY, ALL	112.7	143.1	181.8
MACHINERY,EXCL. ELECTRICAL	112.7	143.1	181.7
ELECTRICAL EQUIPMENT + SUPPLIES	112.2	145.3	188.5
TRANSPORTATION EQUIPMENT	115.0	147.2	188.3
MOTOR VEHICLES + EQUIPMENT	173.3	214.7	265.3
TRANSPORTATION EQUIPMENT,EXCL.	115.0	147.1	188.3
OTHER MANUFACTURING	101.0	123.5	151.3
PAPER + ALLIED PRODUCTS	108.0	128.7	153.3
PETROLEUM REFINING	137.0	161.2	189.6
PRIMARY METALS	109.5	125.1	143.0
FABRICATED METALS + ORDNANCE	90.0	113.4	143.1
MISCELLANEOUS MANUFACTURING	112.5	137.6	168.4
STONE, CLAY AND GLASS	113.4	140.3	173.6
OTHER MISC. MANUFACTURING	108.7	126.5	146.8
TRANSPORTATION,COMM.,+PUBLUTIL.	109.2	130.2	155.3
TRANSPORTATION	109.5	129.9	154.2
RAILROAD TRANSPORTATION	89.2	96.4	104.1
TRUCKING + WAREHOUSING	115.3	139.8	169.4
OTHER TRANSPORTATION SERVICES	111.1	132.5	157.9
LOCAL AND SUBURBAN TRANSP.	105.6	116.0	127.5
WATER TRANSPORTATION	109.9	129.0	151.3
AIR TRANSPORTATION	119.6	156.2	203.9
MISC. OTHER TRANSP. SERVICES	119.8	158.8	205.4
COMMUNICATIONS	107.4	131.9	162.1
UTILITIES (ELEC.,GAS,SANITARY)	109.2	130.7	156.5
WHOLESALE + RETAIL TRADE	113.9	142.8	179.1
FINANCE,INSURANCE AND REAL ESTATE	112.8	136.5	165.3
SERVICES	113.4	144.3	183.5
TOTAL GOVERNMENT	116.3	150.4	194.9
CIVILIAN GOVERNMENT	117.0	152.4	198.7
FEDERAL GOVERNMENT	116.8	146.7	184.4
STATE AND LOCAL GOVERNMENT	117.1	155.6	206.7
ARMED FORCES	103.5	116.1	130.2

REGIONAL INFORMATION SYSTEM
REGIONAL FCONOMICS DIVISION
U.S. DEPT. OF COMMERCF

AIR QUALITY CONTROL REGION 38
MIAMI, FLA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,602,300	1,690,400	1,903,339	2,143,100
TOTAL PERSONAL INCOME	4,560,726	5,355,305	6,982,451	9,103,989
TOTAL EARNINGS	3,320,962	3,899,733	5,077,819	6,629,525
PER CAPITA PERSONAL INCOME ($58)	2,846	3,168	3,649	4,248
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.03	1.03	1.02

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	3,320,962	3,899,733	5,077,819	6,629,525
AGRICULTURE,FORESTRY + FISHERIES	57,441	62,158	67,063	72,373
MINING	9,066	10,138	11,727	13,564
COAL MINING	D	D	D	D
CRUDE PETROLEUM + NAT.GAS	5,349	6,339	7,372	8,574
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	270,340	305,162	378,526	469,521
MANUFACTURING	430,988	511,822	666,681	870,745
FOOD + KINDRED PRODUCTS	44,703	48,178	58,561	71,181
TEXTILE MILL PRODUCTS	5,435	6,282	7,982	10,141
APPAREL + OTHER TEXTILES	47,471	53,542	66,791	83,319
PRINTING + PUBLISHING	45,130	50,447	64,847	83,358
CHEMICALS + ALLIED PRODUCTS	9,554	13,954	19,055	26,021
LUMBER + FURNITURE	29,863	33,345	38,698	44,911
MACHINERY, ALL	48,639	59,018	82,305	114,799
MACHINERY,EXCL. ELECTRICAL	23,466	29,426	41,529	58,612
ELECTRICAL EQUIPMENT + SUPPLIES	25,173	29,592	40,776	56,187
TRANSPORTATION EQUIPMENT	66,434	79,663	106,002	141,065
MOTOR VEHICLES + EQUIPMENT	2,000	3,079	3,879	4,888
TRANSPORTATION EQUIPMENT,EXCL.	64,434	76,584	102,123	136,177
OTHER MANUFACTURING	133,759	167,393	222,440	295,950
PAPER + ALLIED PRODUCTS	10,790	12,357	15,480	19,392
PETROLEUM REFINING	1,631	2,177	2,473	2,809
PRIMARY METALS	7,756	8,633	10,400	12,529
FABRICATED METALS + ORDNANCE	46,118	61,694	81,913	108,758
MISCELLANEOUS MANUFACTURING	67,464	82,532	112,174	152,462
STONE, CLAY AND GLASS	19,947	23,707	30,851	40,148
OTHER MISC. MANUFACTURING	47,517	58,825	81,323	112,314
TRANSPORTATION,COMM.,+PUBLUTIL.	425,660	482,390	615,315	785,132
TRANSPORTATION	315,552	357,314	456,972	584,664
RAILROAD TRANSPORTATION	19,521	18,765	22,122	26,080
TRUCKING + WAREHOUSING	30,930	38,463	50,619	66,616
OTHER TRANSPORTATION SERVICES	265,101	300,086	384,231	491,968
LOCAL AND SUBURBAN TRANSP.	10,960	11,841	14,098	16,786
WATER TRANSPORTATION	19,134	21,603	27,555	35,147
AIR TRANSPORTATION	227,248	257,576	330,416	423,854
MISC. OTHER TRANSP. SERVICES	7,759	9,066	12,162	16,181
COMMUNICATIONS	64,289	72,364	92,150	117,346
UTILITIES (ELEC.,GAS,SANITARY)	45,819	52,712	66,103	83,122
WHOLESALE + RETAIL TRADE	717,120	837,456	1,086,041	1,408,429
FINANCE,INSURANCE AND REAL ESTATE	250,359	293,648	365,772	455,481
SERVICES	701,912	824,501	1,109,799	1,493,809
TOTAL GOVERNMENT	458,076	572,458	776,965	1,060,471
CIVILIAN GOVERNMENT	396,436	493,075	687,908	960,605
FEDERAL GOVERNMENT	94,012	115,601	152,444	201,027
STATE AND LOCAL GOVERNMENT	302,424	377,474	535,464	759,578
ARMED FORCES	61,640	79,383	89,057	99,866

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	1,602,300	1,690,400	1,903,339	2,143,100
TOTAL PERSONAL INCOME	4,560,726	5,355,305	6,982,451	9,103,989
TOTAL EARNINGS	3,320,962	3,899,733	5,077,819	6,629,525
PER CAPITA PERSONAL INCOME ($58)	2,846	3,168	3,669	4,248
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.03	1.03	1.02

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	105.5	118.8	133.8
TOTAL PERSONAL INCOME	117.4	153.1	199.6
TOTAL EARNINGS	117.4	152.9	199.6
AGRICULTURE,FORESTRY + FISHERIES	108.2	116.8	126.0
MINING	111.8	129.4	149.6
COAL MINING	90.9	100.0	109.1
CRUDE PETROLEUM + NAT.GAS	118.5	137.8	160.3
MINING EXCL. FUELS	102.2	117.2	134.3
NONMETALLIC	102.2	117.2	134.3
CONTRACT CONSTRUCTION	112.9	140.0	173.7
MANUFACTURING	118.8	154.7	202.0
FOOD + KINDRED PRODUCTS	107.8	131.0	159.2
TEXTILE MILL PRODUCTS	115.6	146.9	186.6
APPAREL + OTHER TEXTILES	112.8	140.7	175.5
PRINTING + PUBLISHING	111.8	143.7	184.7
CHEMICALS + ALLIED PRODUCTS	146.1	199.4	272.4
LUMBER + FURNITURE	111.7	129.6	150.4
MACHINERY, ALL	121.3	169.2	236.0
MACHINERY,EXCL. ELECTRICAL	125.4	177.0	249.8
ELECTRICAL EQUIPMENT + SUPPLIES	117.6	162.0	223.2
TRANSPORTATION EQUIPMENT	119.9	159.6	212.3
MOTOR VEHICLES + EQUIPMENT	154.0	194.0	244.4
TRANSPORTATION EQUIPMENT,EXCL.	118.9	158.5	211.3
OTHER MANUFACTURING	125.1	166.3	221.3
PAPER + ALLIED PRODUCTS	114.5	143.5	179.7
PETROLEUM REFINING	133.5	151.6	172.2
PRIMARY METALS	111.3	134.1	161.5
FABRICATED METALS + ORDNANCE	133.8	177.6	235.8
MISCELLANEOUS MANUFACTURING	122.3	166.3	226.0
STONE, CLAY AND GLASS	118.8	154.7	201.3
OTHER MISC. MANUFACTURING	123.8	171.1	236.4
TRANSPORTATION,COMM.,+PUBLUTIL.	113.3	144.6	184.5
TRANSPORTATION	113.2	144.8	185.3
RAILROAD TRANSPORTATION	96.1	113.3	133.6
TRUCKING + WAREHOUSING	124.4	163.7	215.4
OTHER TRANSPORTATION SERVICES	113.2	144.9	185.6
LOCAL AND SUBURBAN TRANSP.	108.0	128.6	153.2
WATER TRANSPORTATION	112.9	144.0	183.7
AIR TRANSPORTATION	113.3	145.4	186.5
MISC. OTHER TRANSP. SERVICES	116.8	156.7	208.5
COMMUNICATIONS	112.6	143.3	182.5
UTILITIES (ELEC.,GAS,SANITARY)	115.0	144.5	181.4
WHOLESALE + RETAIL TRADE	116.8	151.4	196.4
FINANCE,INSURANCE AND REAL ESTATE	117.3	146.1	181.9
SERVICES	117.5	150.1	212.8
TOTAL GOVERNMENT	125.0	169.6	231.5
CIVILIAN GOVERNMENT	124.4	173.5	242.3
FEDERAL GOVERNMENT	123.0	162.2	213.8
STATE AND LOCAL GOVERNMENT	124.8	177.1	251.2
ARMED FORCES	128.8	144.4	162.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 39
OKLAHOMA CITY, OKLA.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	585,462	625,163	683,055	746,300
TOTAL PERSONAL INCOME	1,601,825	1,916,011	2,440,491	3,108,498
TOTAL EARNINGS	1,327,288	1,578,985	1,991,767	2,518,505
PER CAPITA PERSONAL INCOME ($58)	2,736	3,065	3,573	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	1.00	1.00	1.00

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,327,288	1,578,985	1,991,767	2,518,505
AGRICULTURE,FORESTRY + FISHERIES	14,789	15,361	15,448	15,533
MINING	55,275	59,685	68,473	78,556
CRUDE PETROLEUM + NAT.GAS	54,348	58,775	67,463	77,390
MINING EXCL. FUELS	927	910	1,030	1,166
NONMETALLIC	927	910	1,090	1,166
CONTRACT CONSTRUCTION	72,301	94,876	118,379	147,704
MANUFACTURING	189,793	221,468	282,415	361,642
FOOD + KINDRED PRODUCTS	35,079	37,530	43,191	49,706
APPAREL + OTHER TEXTILES	2,955	3,190	3,807	4,544
PRINTING + PUBLISHING	15,589	17,640	22,105	27,701
CHEMICALS + ALLIED PRODUCTS	1,710	1,859	1,993	2,136
LUMBER + FURNITURE	3,643	4,164	4,779	5,486
MACHINERY, ALL	63,949	74,451	100,308	135,306
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	24,847	32,939	43,317	57,097
MOTOR VEHICLES + EQUIPMENT	9,678	14,485	18,011	22,395
TRANSPORTATION EQUIPMENT,EXCL.	15,169	18,454	25,306	34,702
OTHER MANUFACTURING	42,021	49,695	62,915	79,666
PAPER + ALLIED PRODUCTS	1,307	1,583	2,042	2,635
PETROLEUM REFINING	4,649	6,787	8,683	11,109
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	12,038	14,011	18,036	23,216
STONE, CLAY AND GLASS	6,005	6,867	8,614	10,805
OTHER MISC. MANUFACTURING	6,033	7,144	9,472	12,411
TRANSPORTATION,COMM.,+PUBLUTIL.	105,464	121,173	148,778	182,682
TRANSPORTATION	63,347	73,593	90,319	110,935
RAILROAD TRANSPORTATION	9,147	8,813	9,994	11,332
TRUCKING + WAREHOUSING	46,383	55,646	69,152	85,935
OTHER TRANSPORTATION SERVICES	7,817	9,134	11,173	13,668
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
AIR TRANSPORTATION	2,933	3,367	4,012	4,781
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	22,129	25,317	31,802	39,948
UTILITIES (ELEC.,GAS,SANITARY)	19,988	22,263	26,607	31,799
WHOLESALE + RETAIL TRADE	246,584	288,805	362,888	455,974
FINANCE,INSURANCE AND REAL ESTATE	93,046	107,702	132,490	162,982
SERVICES	182,470	235,094	309,178	406,475
TOTAL GOVERNMENT	367,566	434,821	553,818	706,957
CIVILIAN GOVERNMENT	330,318	396,006	509,842	657,134
FEDERAL GOVERNMENT	221,100	264,138	332,013	417,325
STATE AND LOCAL GOVERNMENT	109,218	131,868	177,829	239,809
ARMED FORCES	37,248	38,815	43,976	49,823

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	585,462	625,163	683,055	746,300
TOTAL PERSONAL INCOME	1,601,825	1,916,011	2,440,491	3,108,498
TOTAL EARNINGS	1,327,288	1,578,985	1,991,767	2,518,505
PER CAPITA PERSONAL INCOME ($58)	2,736	3,065	3,573	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	1.00	1.00	1.00

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	106.8	116.7	127.5
TOTAL PERSONAL INCOME	119.6	152.4	194.1
TOTAL EARNINGS	119.0	150.1	189.7
AGRICULTURE,FORESTRY + FISHERIES	103.9	104.5	105.0
MINING	108.0	123.9	142.1
CRUDE PETROLEUM + NAT.GAS	108.1	124.1	142.4
MINING EXCL. FUELS	98.2	111.1	125.8
NONMETALLIC	98.2	111.1	125.8
CONTRACT CONSTRUCTION	131.2	163.7	204.3
MANUFACTURING	116.7	148.8	190.5
FOOD + KINDRED PRODUCTS	107.0	123.1	141.7
APPAREL + OTHER TEXTILES	108.0	128.8	153.8
PRINTING + PUBLISHING	113.2	141.8	177.7
CHEMICALS + ALLIED PRODUCTS	108.7	116.5	124.9
LUMBER + FURNITURE	114.3	131.2	150.6
MACHINERY, ALL	116.4	156.9	211.6
MACHINERY,EXCL. ELECTRICAL	114.2	146.9	188.8
ELECTRICAL EQUIPMENT + SUPPLIES	117.7	162.7	224.9
TRANSPORTATION EQUIPMENT	132.6	174.3	229.8
MOTOR VEHICLES + EQUIPMENT	149.7	186.1	231.4
TRANSPORTATION EQUIPMENT,EXCL.	121.7	166.8	228.8
OTHER MANUFACTURING	118.3	149.7	189.6
PAPER + ALLIED PRODUCTS	121.1	156.2	201.6
PETROLEUM REFINING	146.0	186.8	239.0
PRIMARY METALS	117.0	148.7	187.7
FABRICATED METALS + ORDNANCE	113.6	142.0	177.5
MISCELLANEOUS MANUFACTURING	116.4	149.8	192.9
STONE, CLAY AND GLASS	114.4	143.4	179.9
OTHER MISC. MANUFACTURING	118.4	156.2	205.7
TRANSPORTATION,COMM.,+PUBLUTIL.	114.9	141.0	173.2
TRANSPORTATION	116.2	142.6	175.1
RAILROAD TRANSPORTATION	96.3	109.3	123.9
TRUCKING + WAREHOUSING	120.0	149.1	185.3
OTHER TRANSPORTATION SERVICES	116.8	142.9	174.8
LOCAL AND SUBURBAN TRANSP.	117.3	144.2	177.4
AIR TRANSPORTATION	114.8	136.8	163.0
MISC. OTHER TRANSP. SERVICES	119.4	150.5	189.3
COMMUNICATIONS	114.4	143.7	180.5
UTILITIES (ELEC.,GAS,SANITARY)	111.4	133.1	159.1
WHOLESALE + RETAIL TRADE	117.1	147.2	184.9
FINANCE,INSURANCE AND REAL ESTATE	115.8	142.4	175.2
SERVICES	128.8	169.4	222.8
TOTAL GOVERNMENT	118.3	150.7	192.3
CIVILIAN GOVERNMENT	119.9	154.3	198.9
FEDERAL GOVERNMENT	119.5	150.2	188.7
STATE AND LOCAL GOVERNMENT	120.7	162.8	219.6
ARMED FORCES	104.2	118.1	133.8

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 40
OMAHA, NEBRASKA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	514,600	527,400	568,081	611,900
TOTAL PERSONAL INCOME	1,531,603	1,735,803	2,155,106	2,675,697
TOTAL EARNINGS	1,258,858	1,419,540	1,744,105	2,152,063
PER CAPITA PERSONAL INCOME ($58)	2,976	3,291	3,794	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.07	1.06	1.05

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,258,858	1,419,540	1,744,105	2,152,063
AGRICULTURE, FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	2,069	2,125	2,389	2,685
NONMETALLIC	2,069	2,125	2,389	2,685
CONTRACT CONSTRUCTION	91,855	101,728	122,371	147,201
MANUFACTURING	252,191	278,277	345,060	431,883
FOOD + KINDRED PRODUCTS	D	D	D	D
TEXTILE MILL PRODUCTS	D	D	D	D
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	D	D	D	D
CHEMICALS + ALLIED PRODUCTS	10,633	13,346	16,986	21,620
LUMBER + FURNITURE	D	D	D	D
MACHINERY, ALL	60,618	73,246	103,461	146,299
MACHINERY, EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	7,577	11,152	13,803	17,085
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
OTHER MANUFACTURING	45,423	50,873	62,881	77,838
PAPER + ALLIED PRODUCTS	5,539	6,078	7,525	9,316
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	14,470	17,118	22,248	28,914
STONE, CLAY AND GLASS	5,433	6,570	8,797	11,780
OTHER MISC. MANUFACTURING	9,037	10,548	13,451	17,134
TRANSPORTATION, COMM., + PUBLUTIL.	149,946	158,560	188,783	225,016
TRANSPORTATION	103,284	107,068	125,906	148,179
RAILROAD TRANSPORTATION	62,798	60,177	68,976	79,060
TRUCKING + WAREHOUSING	25,536	29,944	36,203	43,770
OTHER TRANSPORTATION SERVICES	14,950	16,947	20,727	25,349
LOCAL AND SUBURBAN TRANSP.	7,398	8,319	10,058	12,160
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	30,866	34,196	42,571	52,998
UTILITIES (ELEC., GAS, SANITARY)	15,796	17,296	20,306	23,839
WHOLESALE + RETAIL TRADE	240,897	268,764	327,902	400,047
FINANCE, INSURANCE AND REAL ESTATE	101,729	117,163	141,523	170,948
SERVICES	185,348	230,089	298,146	386,331
TOTAL GOVERNMENT	204,680	231,331	286,110	355,805
CIVILIAN GOVERNMENT	131,409	155,706	201,610	261,390
FEDERAL GOVERNMENT	50,634	59,418	73,383	90,631
STATE AND LOCAL GOVERNMENT	80,775	96,288	128,227	170,759
ARMED FORCES	73,271	75,625	84,500	94,415

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	514,600	527,400	568,081	611,900
TOTAL PERSONAL INCOME	1,531,603	1,735,803	2,155,106	2,675,697
TOTAL EARNINGS	1,258,858	1,419,540	1,744,105	2,152,063
PER CAPITA PERSONAL INCOME ($58)	2,976	3,291	3,794	4,373
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.08	1.07	1.06	1.05

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION		102.5	110.4	118.9
TOTAL PERSONAL INCOME		113.3	140.7	174.7
TOTAL EARNINGS		112.8	138.5	171.0
AGRICULTURE, FORESTRY + FISHERIES		104.0	105.0	106.1
MINING		109.5	123.0	138.0
MINING EXCL. FUELS		102.7	115.5	129.8
NONMETALLIC		102.7	115.5	129.8
CONTRACT CONSTRUCTION		110.7	133.2	160.3
MANUFACTURING		110.3	136.8	171.3
FOOD + KINDRED PRODUCTS		102.2	114.1	127.4
TEXTILE MILL PRODUCTS		127.6	147.4	170.7
APPAREL + OTHER TEXTILES		105.6	120.5	137.6
PRINTING + PUBLISHING		107.9	132.2	162.0
CHEMICALS + ALLIED PRODUCTS		125.5	159.7	203.3
LUMBER + FURNITURE		82.0	101.1	124.7
MACHINERY, ALL		120.8	170.7	241.3
MACHINERY, EXCL. ELECTRICAL		117.7	157.3	210.2
ELECTRICAL EQUIPMENT + SUPPLIES		122.0	175.8	253.3
TRANSPORTATION EQUIPMENT		147.2	182.2	225.5
MOTOR VEHICLES + EQUIPMENT		146.7	181.4	224.4
OTHER MANUFACTURING		112.0	138.4	171.4
PAPER + ALLIED PRODUCTS		109.7	135.9	168.2
PETROLEUM REFINING		133.9	153.3	175.7
PRIMARY METALS		112.3	133.9	159.7
FABRICATED METALS + ORDNANCE		106.2	127.6	153.2
MISCELLANEOUS MANUFACTURING		118.3	153.8	199.8
STONE, CLAY AND GLASS		120.9	161.9	216.8
OTHER MISC. MANUFACTURING		116.7	148.8	189.6
TRANSPORTATION, COMM., +PUBLUTIL.		105.7	125.9	150.1
TRANSPORTATION		103.7	121.9	143.5
RAILROAD TRANSPORTATION		95.8	109.8	125.9
TRUCKING + WAREHOUSING		117.3	141.8	171.4
OTHER TRANSPORTATION SERVICES		113.4	138.6	169.6
LOCAL AND SUBURBAN TRANSP.		112.4	136.0	164.4
AIR TRANSPORTATION		114.3	141.4	175.0
MISC. OTHER TRANSP. SERVICES		114.2	141.1	174.3
COMMUNICATIONS		110.8	137.9	171.7
UTILITIES (ELEC., GAS, SANITARY)		109.5	128.6	150.9
WHOLESALE + RETAIL TRADE		111.6	136.1	166.1
FINANCE, INSURANCE AND REAL ESTATE		115.2	139.1	168.0
SERVICES		124.1	160.9	208.4
TOTAL GOVERNMENT		113.0	139.8	173.8
CIVILIAN GOVERNMENT		118.5	153.4	198.9
FEDERAL GOVERNMENT		117.3	144.9	179.0
STATE AND LOCAL GOVERNMENT		119.2	158.7	211.4
ARMED FORCES		103.2	115.3	128.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	607,517	630,000	682,789	740,000
TOTAL PERSONAL INCOME	1,789,787	2,053,800	2,565,900	3,205,680
TOTAL EARNINGS	1,515,934	1,728,159	2,134,973	2,648,555
PER CAPITA PERSONAL INCOME ($58)	2,946	3,260	3,758	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.07	1.06	1.05	1.04

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	1,515,934	1,728,159	2,134,973	2,648,555
AGRICULTURE, FORESTRY + FISHERIES	25,408	25,418	24,666	23,943
CONTRACT CONSTRUCTION	127,419	138,883	161,765	188,415
MANUFACTURING	99,765	112,916	138,368	169,993
FOOD + KINDRED PRODUCTS	48,375	51,444	60,653	71,511
APPAREL + OTHER TEXTILES	8,948	10,032	12,438	15,420
PRINTING + PUBLISHING	12,836	14,151	17,775	22,327
CHEMICALS + ALLIED PRODUCTS	2,764	3,192	3,958	4,909
LUMBER + FURNITURE	5,378	7,244	8,609	10,232
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	641	732	968	1,279
TRANSPORTATION EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT, EXCL.	D	D	D	D
OTHER MANUFACTURING	19,150	23,656	30,341	38,959
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	3,328	4,148	5,389	7,001
MISCELLANEOUS MANUFACTURING	11,648	13,590	17,552	22,669
STONE, CLAY AND GLASS	D	D	D	D
TRANSPORTATION, COMM., +PUBLUTIL.	113,820	129,547	159,616	196,698
TRANSPORTATION	D	D	D	D
TRUCKING + WAREHOUSING	11,988	14,494	18,276	23,044
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	5,166	6,596	7,873	9,277
WATER TRANSPORTATION	12,507	15,973	18,949	22,479
AIR TRANSPORTATION	29,752	39,368	49,192	61,466
COMMUNICATIONS	25,874	28,563	35,416	43,912
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	228,836	260,035	325,413	407,230
FINANCE, INSURANCE AND REAL ESTATE	84,284	97,827	119,903	146,959
SERVICES	227,913	272,022	351,589	454,430
TOTAL GOVERNMENT	608,489	691,511	853,653	1,060,887
CIVILIAN GOVERNMENT	387,713	463,194	597,569	773,659
FEDERAL GOVERNMENT	217,595	254,479	310,603	379,100
STATE AND LOCAL GOVERNMENT	170,118	208,715	286,946	394,559
ARMED FORCES	220,776	228,317	256,084	287,228

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
TOTAL PERSONAL INCOME	1,789,787	2,053,800	2,565,900	3,205,680
POPULATION	607,517	630,000	682,789	740,000
TOTAL EARNINGS	1,515,934	1,728,159	2,134,973	2,648,555
PER CAPITA PERSONAL INCOME ($58)	2,946	3,260	3,758	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.07	1.06	1.05	1.04

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	103.7	112.4	121.8
TOTAL PERSONAL INCOME	114.8	143.4	179.1
TOTAL EARNINGS	114.0	140.8	174.7
AGRICULTURE,FORESTRY + FISHERIES	100.0	97.1	94.2
CONTRACT CONSTRUCTION	109.0	127.0	147.9
MANUFACTURING	113.2	138.7	170.4
FOOD + KINDRED PRODUCTS	106.3	125.4	147.8
APPAREL + OTHER TEXTILES	112.1	139.0	172.3
PRINTING + PUBLISHING	110.2	138.5	173.9
CHEMICALS + ALLIED PRODUCTS	115.5	143.2	177.6
LUMBER + FURNITURE	134.7	160.1	190.3
MACHINERY, ALL	160.1	232.5	342.0
MACHINERY,EXCL. ELECTRICAL	114.2	151.0	199.5
TRANSPORTATION EQUIPMENT	130.9	187.2	267.5
TRANSPORTATION EQUIPMENT,EXCL.	130.9	187.2	267.5
OTHER MANUFACTURING	123.5	158.4	203.4
PAPER + ALLIED PRODUCTS	177.1	236.6	316.3
PETROLEUM REFINING	143.1	179.1	224.3
PRIMARY METALS	110.8	125.7	142.5
FABRICATED METALS + ORDNANCE	124.6	161.9	210.4
MISCELLANEOUS MANUFACTURING	116.7	150.7	194.6
STONE, CLAY AND GLASS	133.8	173.4	224.8
TRANSPORTATION,COMM.,+PUBLUTIL.	113.8	140.2	172.8
TRANSPORTATION	115.6	142.9	176.8
TRUCKING + WAREHOUSING	120.9	152.5	192.2
OTHER TRANSPORTATION SERVICES	114.5	141.0	173.7
LOCAL AND SUBURBAN TRANSP.	127.7	151.4	179.6
WATER TRANSPORTATION	127.7	151.5	179.7
AIR TRANSPORTATION	132.3	165.3	206.6
COMMUNICATIONS	110.4	136.9	169.7
UTILITIES (ELEC.,GAS,SANITARY)	111.5	133.4	159.5
WHOLESALE + RETAIL TRADE	113.6	142.2	178.0
FINANCE,INSURANCE AND REAL ESTATE	116.1	142.3	174.4
SERVICES	119.4	154.3	199.4
TOTAL GOVERNMENT	113.6	140.3	174.3
CIVILIAN GOVERNMENT	119.5	154.1	199.5
FEDERAL GOVERNMENT	117.0	142.7	174.2
STATE AND LOCAL GOVERNMENT	122.7	168.7	231.9
ARMED FORCES	103.4	116.0	130.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	287,992	313,099	321,438	330,000
TOTAL PERSONAL INCOME	835,752	1,026,376	1,222,856	1,456,950
TOTAL EARNINGS	704,826	872,420	1,065,461	1,307,531
PER CAPITA PERSONAL INCOME ($58)	2,902	3,278	3,804	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.07	1.06	1.06

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	704,826	872,420	1,065,461	1,307,531
AGRICULTURE,FORESTRY + FISHERIES	6,754	8,688	8,427	8,211
MINING	17,234	22,739	25,663	28,979
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	75,790	89,157	99,886	111,904
MANUFACTURING	273,354	339,075	411,683	502,536
FOOD + KINDRED PRODUCTS	D	D	D	D
PRINTING + PUBLISHING	3,654	4,354	5,444	6,806
CHEMICALS + ALLIED PRODUCTS	75,564	92,077	124,728	168,957
LUMBER + FURNITURE	1,331	1,566	1,787	2,039
MACHINERY, ALL	6,736	7,530	9,061	10,909
MACHINERY,EXCL. ELECTRICAL	6,213	6,947	8,306	9,930
ELECTRICAL EQUIPMENT + SUPPLIES	523	583	755	979
TRANSPORTATION EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	151,654	195,861	226,440	261,930
PAPER + ALLIED PRODUCTS	2,882	3,120	3,687	4,357
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	2,726	2,967	3,419	3,941
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	D	D	D	D
STONE, CLAY AND GLASS	D	D	D	D
OTHER MISC. MANUFACTURING	3,286	3,673	4,454	5,392
TRANSPORTATION,COMM.,PUBLUTIL.	67,025	75,720	89,976	107,044
TRANSPORTATION	47,414	53,600	63,854	76,136
RAILROAD TRANSPORTATION	5,377	5,392	5,896	6,447
TRUCKING + WAREHOUSING	5,918	7,722	9,534	11,770
OTHER TRANSPORTATION SERVICES	36,119	40,486	48,474	57,919
LOCAL AND SUBURBAN TRANSP.	D	D	D	D
WATER TRANSPORTATION	31,167	35,132	42,353	51,057
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	4,295	4,640	5,255	5,930
COMMUNICATIONS	7,648	9,244	11,482	14,262
UTILITIES (ELEC.,GAS,SANITARY)	11,963	12,876	14,640	16,646
WHOLESALE + RETAIL TRADE	93,234	115,498	143,830	179,111
FINANCE,INSURANCE AND REAL ESTATE	22,083	28,302	35,184	43,740
SERVICES	84,478	109,499	140,737	180,885
TOTAL GOVERNMENT	64,874	83,742	110,075	145,121
CIVILIAN GOVERNMENT	59,823	78,766	104,862	139,660
FEDERAL GOVERNMENT	9,043	11,856	15,039	19,076
STATE AND LOCAL GOVERNMENT	50,780	66,910	89,823	120,584
ARMED FORCES	5,051	4,976	5,213	5,461

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	287,992	313,099	321,438	330,000
TOTAL PERSONAL INCOME	835,752	1,026,376	1,222,856	1,456,950
TOTAL EARNINGS	704,826	872,420	1,065,441	1,307,531
PER CAPITA PERSONAL INCOME ($58)	2,902	3,278	3,804	4,415
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.07	1.06	1.06

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	108.7	111.6	114.6
TOTAL PERSONAL INCOME	122.8	146.3	174.3
TOTAL EARNINGS	123.8	151.2	185.5
AGRICULTURE, FORESTRY + FISHERIES	128.6	124.8	121.6
MINING	131.9	148.9	168.2
CRUDE PETROLEUM + NAT.GAS	135.6	151.7	169.6
MINING EXCL. FUELS	110.2	132.6	159.4
NONMETALLIC	110.2	132.6	159.4
CONTRACT CONSTRUCTION	117.6	131.8	147.7
MANUFACTURING	124.0	150.6	183.8
FOOD + KINDRED PRODUCTS	114.2	133.0	155.0
PRINTING + PUBLISHING	119.2	149.0	186.3
CHEMICALS + ALLIED PRODUCTS	121.9	165.1	223.6
LUMBER + FURNITURE	117.7	134.3	153.2
MACHINERY, ALL	111.8	134.5	162.0
MACHINERY, EXCL. ELECTRICAL	111.8	133.7	159.8
ELECTRICAL EQUIPMENT + SUPPLIES	111.5	144.4	187.2
TRANSPORTATION EQUIPMENT	108.2	127.2	149.6
TRANSPORTATION EQUIPMENT, EXCL.	107.9	126.8	149.1
OTHER MANUFACTURING	129.1	149.3	172.7
PAPER + ALLIED PRODUCTS	108.3	127.9	151.2
PETROLEUM REFINING	134.2	153.7	176.0
PRIMARY METALS	108.8	125.4	144.6
FABRICATED METALS + ORDNANCE	110.6	136.0	167.1
MISCELLANEOUS MANUFACTURING	109.5	129.1	152.2
STONE, CLAY AND GLASS	107.7	123.9	142.6
OTHER MISC. MANUFACTURING	111.8	135.5	164.1
TRANSPORTATION, COMM., +PUBLUTIL.	113.0	134.2	159.7
TRANSPORTATION	113.0	134.7	160.6
RAILROAD TRANSPORTATION	100.3	109.7	119.9
TRUCKING + WAREHOUSING	130.5	161.1	198.9
OTHER TRANSPORTATION SERVICES	112.1	134.1	160.4
LOCAL AND SUBURBAN TRANSP.	109.0	125.1	143.6
WATER TRANSPORTATION	112.7	135.9	163.8
AIR TRANSPORTATION	107.4	120.6	135.3
MISC. OTHER TRANSP. SERVICES	108.0	122.4	138.1
COMMUNICATIONS	120.9	150.1	186.5
UTILITIES (ELEC.,GAS,SANITARY)	107.6	122.4	139.1
WHOLESALE + RETAIL TRADE	123.9	154.3	192.1
FINANCE, INSURANCE AND REAL ESTATE	128.2	159.3	198.1
SERVICES	129.6	166.6	214.1
TOTAL GOVERNMENT	129.1	169.7	223.7
CIVILIAN GOVERNMENT	131.7	175.3	233.5
FEDERAL GOVERNMENT	131.1	166.3	210.9
STATE AND LOCAL GOVERNMENT	131.8	176.9	237.5
ARMED FORCES	98.5	103.2	108.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	378,000	383,200	417,834	455,600
TOTAL PERSONAL INCOME	1,145,532	1,308,095	1,667,474	2,125,564
TOTAL EARNINGS	997,067	1,131,502	1,425,450	1,800,548
PER CAPITA PERSONAL INCOME ($58)	3,031	3,414	3,991	4,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.10	1.11	1.12	1.12
EARNINGS BY INDUSTRY				
TOTAL EARNINGS	997,067	1,131,502	1,425,450	1,800,548
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	97,330	107,035	130,976	160,272
MANUFACTURING	217,939	246,919	310,243	391,833
FOOD + KINDRED PRODUCTS	26,234	26,898	31,039	35,818
TEXTILE MILL PRODUCTS	41,272	44,874	52,906	62,375
APPAREL + OTHER TEXTILES	11,192	12,576	15,612	19,380
PRINTING + PUBLISHING	D	D	D	D
CHEMICALS + ALLIED PRODUCTS	25,935	31,476	43,939	61,337
LUMBER + FURNITURE	10,576	11,967	13,403	15,012
MACHINERY, ALL	32,262	37,068	48,489	63,684
MACHINERY,EXCL. ELECTRICAL	25,779	29,094	36,790	46,520
ELECTRICAL EQUIPMENT + SUPPLIES	6,483	7,974	11,699	17,164
TRANSPORTATION EQUIPMENT	3,127	4,353	5,154	6,119
MOTOR VEHICLES + EQUIPMENT	2,822	3,971	4,629	5,397
TRANSPORTATION EQUIPMENT,EXCL.	305	382	525	722
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	D	D	D	D
MISCELLANEOUS MANUFACTURING	18,752	22,726	30,674	41,401
STONE, CLAY AND GLASS	7,719	9,132	11,890	15,480
OTHER MISC. MANUFACTURING	11,033	13,594	18,784	25,921
TRANSPORTATION,COMM.,+PUBLUTIL.	129,635	149,310	185,584	230,854
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	5,064	4,540	4,921	5,333
TRUCKING + WAREHOUSING	65,659	79,307	99,483	174,791
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	6,226	6,909	8,326	10,034
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	22,299	24,461	30,788	38,751
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	252,968	281,206	348,872	432,823
FINANCE,INSURANCE AND REAL ESTATE	77,563	90,151	113,605	143,161
SERVICES	140,335	162,423	214,366	282,918
TOTAL GOVERNMENT	69,767	82,418	109,477	146,018
CIVILIAN GOVERNMENT	64,911	77,688	104,697	141,188
FEDERAL GOVERNMENT	15,496	18,444	23,710	30,479
STATE AND LOCAL GOVERNMENT	49,415	59,244	80,987	110,709
ARMED FORCES	4,856	4,730	4,780	4,830

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	378,000	383,200	417,834	455,600
TOTAL PERSONAL INCOME	1,145,532	1,308,095	1,667,474	2,125,564
TOTAL EARNINGS	997,067	1,131,502	1,425,450	1,800,548
PER CAPITA PERSONAL INCOME ($58)	3,031	3,414	3,991	4,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.10	1.11	1.12	1.12

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	101.4	110.5	120.5
TOTAL PERSONAL INCOME	114.2	145.6	185.6
TOTAL EARNINGS	113.5	143.0	180.6
AGRICULTURE,FORESTRY + FISHERIES	103.9	104.6	105.2
MINING	110.8	137.5	170.4
MINING EXCL. FUELS	110.8	137.5	170.4
NONMETALLIC	110.8	137.5	170.4
CONTRACT CONSTRUCTION	110.0	134.6	164.7
MANUFACTURING	113.3	142.4	179.8
FOOD + KINDRED PRODUCTS	102.5	118.3	136.5
TEXTILE MILL PRODUCTS	108.7	128.2	151.1
APPAREL + OTHER TEXTILES	112.4	139.5	173.2
PRINTING + PUBLISHING	108.7	136.8	172.1
CHEMICALS + ALLIED PRODUCTS	121.4	169.4	236.5
LUMBER + FURNITURE	113.2	126.7	161.9
MACHINERY, ALL	114.9	150.3	197.4
MACHINERY,EXCL. ELECTRICAL	112.[illegible]	142.7	180.5
ELECTRICAL EQUIPMENT + SUPPLIES	123.0	180.5	264.8
TRANSPORTATION EQUIPMENT	139.2	164.8	195.7
MOTOR VEHICLES + EQUIPMENT	140.7	164.0	191.2
TRANSPORTATION EQUIPMENT,EXCL.	125.2	172.1	236.7
OTHER MANUFACTURING	117.8	152.2	196.9
PAPER + ALLIED PRODUCTS	109.8	137.4	171.9
PETROLEUM REFINING	147.1	191.2	248.5
PRIMARY METALS	113.8	136.8	164.6
FABRICATED METALS + ORDNANCE	120.3	154.7	198.9
MISCELLANEOUS MANUFACTURING	121.2	163.6	220.8
STONE, CLAY AND GLASS	118.3	154.0	200.5
OTHER MISC. MANUFACTURING	123.2	170.3	234.9
TRANSPORTATION,COMM.,+PUBLUTIL.	115.2	143.2	178.1
TRANSPORTATION	117.8	147.1	183.9
RAILROAD TRANSPORTATION	89.7	97.2	105.3
TRUCKING + WAREHOUSING	120.8	151.5	190.1
OTHER TRANSPORTATION SERVICES	114.6	145.1	183.6
LOCAL AND SUBURBAN TRANSP.	111.0	133.7	161.2
WATER TRANSPORTATION	117.6	147.1	182.4
AIR TRANSPORTATION	116.2	149.9	193.4
MISC. OTHER TRANSP. SERVICES	121.1	165.7	223.1
COMMUNICATIONS	109.7	138.1	173.8
UTILITIES (ELEC.,GAS,SANITARY)	109.8	131.5	157.4
WHOLESALE + RETAIL TRADE	111.2	137.9	171.1
FINANCE,INSURANCE AND REAL ESTATE	116.2	146.5	184.6
SERVICES	115.7	152.8	201.6
TOTAL GOVERNMENT	118.1	156.9	209.3
CIVILIAN GOVERNMENT	119.7	161.3	217.5
FEDERAL GOVERNMENT	119.0	153.0	196.7
STATE AND LOCAL GOVERNMENT	119.9	163.9	224.0
ARMED FORCES	97.4	98.4	99.5

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	183,789	188,766	191,858	195,000
TOTAL PERSONAL INCOME	497,885	567,735	675,609	803,985
TOTAL EARNINGS	404,241	465,543	581,850	729,266
PER CAPITA PERSONAL INCOME ($58)	2,709	3,008	3,521	4,123
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.98	.98	.98	.99

EARNINGS BY INDUSTRY

I T E M	1967	1970	1975	1980
TOTAL EARNINGS	404,241	465,543	581,850	729,206
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	29,276	33,022	40,678	50,108
MANUFACTURING	102,134	113,457	142,876	180,804
FOOD + KINDRED PRODUCTS	15,502	16,140	18,463	21,121
TEXTILE MILL PRODUCTS	881	969	1,147	1,358
APPAREL + OTHER TEXTILES	2,654	2,985	3,695	4,575
PRINTING + PUBLISHING	5,237	5,890	7,559	9,702
CHEMICALS + ALLIED PRODUCTS	563	449	573	730
LUMBER + FURNITURE	4,549	5,040	5,835	6,756
MACHINERY, ALL	16,473	18,863	25,002	33,271
MACHINERY,EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	D	D	D	D
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	52,145	58,350	74,551	95,618
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	513	796	972	1,186
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	7,124	6,924	7,970	9,174
MISCELLANEOUS MANUFACTURING	21,375	26,139	35,547	48,478
STONE, CLAY AND GLASS	1,068	1,248	1,585	2,013
OTHER MISC. MANUFACTURING	20,307	24,891	34,012	46,465
TRANSPORTATION,COMM.,+PUBLUTIL.	33,556	38,516	48,001	59,855
TRANSPORTATION	18,171	21,260	26,470	32,962
RAILROAD TRANSPORTATION	2,155	2,225	2,810	3,549
TRUCKING + WAREHOUSING	11,164	13,362	16,468	20,295
OTHER TRANSPORTATION SERVICES	4,852	5,673	7,192	9,118
LOCAL AND SUBURBAN TRANSP.	2,052	2,448	3,190	4,156
WATER TRANSPORTATION	1,274	1,458	1,791	2,201
AIR TRANSPORTATION	222	267	351	461
MISC. OTHER TRANSP. SERVICES	1,304	1,500	1,840	2,300
COMMUNICATIONS	12,139	13,676	17,346	22,001
UTILITIES (ELEC.,GAS,SANITARY)	3,246	3,580	4,185	4,892
WHOLESALE + RETAIL TRADE	87,052	98,590	121,988	150,937
FINANCE,INSURANCE AND REAL ESTATE	29,913	35,171	43,690	54,273
SERVICES	59,711	73,814	95,213	122,814
TOTAL GOVERNMENT	57,374	66,205	83,001	104,392
CIVILIAN GOVERNMENT	44,161	52,343	67,108	86,170
FEDERAL GOVERNMENT	14,187	16,550	19,989	24,142
STATE AND LOCAL GOVERNMENT	29,974	35,793	47,119	62,028
ARMED FORCES	13,213	13,862	15,893	18,222

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	183,789	188,766	191,858	195,000
TOTAL PERSONAL INCOME	497,885	567,735	675,609	803,985
TOTAL EARNINGS	404,241	465,543	581,850	729,266
PER CAPITA PERSONAL INCOME ($58)	2,709	3,008	3,521	4,123
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.98	.98	.98	.99

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION		102.7	104.4	106.1
TOTAL PERSONAL INCOME		114.0	135.7	161.5
TOTAL EARNINGS		115.2	143.9	180.4
AGRICULTURE,FORESTRY + FISHERIES		130.1	122.5	115.8
MINING		106.2	123.3	142.6
MINING EXCL. FUELS		106.2	123.3	142.6
NONMETALLIC		106.2	123.3	142.6
CONTRACT CONSTRUCTION		112.8	138.9	171.2
MANUFACTURING		111.1	139.9	177.0
FOOD + KINDRED PRODUCTS		104.1	119.1	136.2
TEXTILE MILL PRODUCTS		110.0	130.2	154.1
APPAREL + OTHER TEXTILES		112.5	139.2	172.4
PRINTING + PUBLISHING		112.5	144.3	185.3
CHEMICALS + ALLIED PRODUCTS		79.8	101.8	129.7
LUMBER + FURNITURE		110.8	128.3	148.5
MACHINERY, ALL		114.5	151.8	202.0
MACHINERY,EXCL. ELECTRICAL		109.4	133.8	163.7
ELECTRICAL EQUIPMENT + SUPPLIES		118.2	164.7	229.6
TRANSPORTATION EQUIPMENT		115.5	146.5	185.8
MOTOR VEHICLES + EQUIPMENT		140.4	176.4	221.2
TRANSPORTATION EQUIPMENT,EXCL.		114.2	145.0	184.0
OTHER MANUFACTURING		111.9	143.0	183.4
PAPER + ALLIED PRODUCTS		105.2	129.2	158.7
PETROLEUM REFINING		155.2	189.5	231.2
PRIMARY METALS		113.0	135.3	161.9
FABRICATED METALS + ORDNANCE		97.2	111.9	128.8
MISCELLANEOUS MANUFACTURING		122.3	166.5	226.8
STONE, CLAY AND GLASS		116.9	148.4	188.5
OTHER MISC. MANUFACTURING		122.6	167.5	228.8
TRANSPORTATION,COMM.,+PUBLUTIL.		114.8	143.0	178.4
TRANSPORTATION		117.0	145.7	181.4
RAILROAD TRANSPORTATION		103.2	130.4	164.7
TRUCKING + WAREHOUSING		119.7	147.5	181.8
OTHER TRANSPORTATION SERVICES		116.9	148.2	187.9
LOCAL AND SUBURBAN TRANSP.		119.3	155.5	202.5
WATER TRANSPORTATION		114.4	140.6	172.8
AIR TRANSPORTATION		120.3	158.1	207.7
MISC. OTHER TRANSP. SERVICES		115.0	142.6	176.4
COMMUNICATIONS		112.7	142.9	181.2
UTILITIES (ELEC.,GAS,SANITARY)		110.3	128.9	150.7
WHOLESALE + RETAIL TRADE		113.3	140.1	173.4
FINANCE,INSURANCE AND REAL ESTATE		117.6	146.1	181.4
SERVICES		123.6	159.5	205.7
TOTAL GOVERNMENT		115.4	144.7	182.0
CIVILIAN GOVERNMENT		118.5	152.0	195.1
FEDERAL GOVERNMENT		116.7	140.9	170.2
STATE AND LOCAL GOVERNMENT		119.4	157.2	206.9
ARMED FORCES		104.9	120.3	137.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 45
ALBUQUERQUE, N. MEXICO

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	265,822	313,865	336,142	360,000
TOTAL PERSONAL INCOME	756,794	989,288	1,217,926	1,499,400
TOTAL EARNINGS	624,160	811,810	1,066,193	1,404,257
PER CAPITA PERSONAL INCOME ($58)	2,847	3,152	3,623	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.03	1.01	1.00

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	624,160	811,810	1,066,193	1,404,257
AGRICULTURE,FORESTRY + FISHERIES	1,719	1,847	1,904	1,968
MINING	1,249	1,390	1,595	1,832
CRUDE PETROLEUM + NAT.GAS	1,045	1,155	1,302	1,467
MINING EXCL. FUELS	204	235	293	365
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	41,153	51,753	67,019	86,787
MANUFACTURING	52,799	60,348	75,846	95,625
FOOD + KINDRED PRODUCTS	8,339	9,856	12,199	15,098
APPAREL + OTHER TEXTILES	864	899	1,027	1,173
PRINTING + PUBLISHING	4,020	5,004	6,708	8,992
CHEMICALS + ALLIED PRODUCTS	241	274	276	279
LUMBER + FURNITURE	3,785	4,347	5,235	6,304
MACHINERY, ALL	8,459	9,954	12,958	16,874
MACHINERY,EXCL. ELECTRICAL	2,997	3,708	4,714	5,993
ELECTRICAL EQUIPMENT + SUPPLIES	5,462	6,246	8,244	10,881
TRANSPORTATION EQUIPMENT	2,193	2,826	3,448	4,212
MOTOR VEHICLES + EQUIPMENT	1,690	2,316	2,773	3,319
TRANSPORTATION EQUIPMENT,EXCL.	503	510	675	893
OTHER MANUFACTURING	D	D	D	D
PETROLEUM REFINING	271	380	456	547
FABRICATED METALS + ORDNANCE	17,090	17,417	20,738	24,693
MISCELLANEOUS MANUFACTURING	7,480	9,236	12,615	17,231
STONE, CLAY AND GLASS	4,911	5,994	8,049	10,809
OTHER MISC. MANUFACTURING	2,569	3,242	4,566	6,422
TRANSPORTATION,COMM.,+PUBLUTIL.	45,146	52,828	66,541	83,954
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	9,199	8,798	10,077	11,542
TRUCKING + WAREHOUSING	9,186	12,172	15,630	20,070
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	2,313	2,868	3,557	4,411
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	14,975	16,836	21,406	27,216
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	112,401	143,585	189,936	251,249
FINANCE,INSURANCE AND REAL ESTATE	37,604	49,190	64,022	83,325
SERVICES	166,496	256,096	348,662	474,687
TOTAL GOVERNMENT	165,593	194,773	250,668	324,830
CIVILIAN GOVERNMENT	128,498	156,402	207,630	276,559
FEDERAL GOVERNMENT	66,184	78,911	98,755	123,588
STATE AND LOCAL GOVERNMENT	62,314	77,491	108,875	152,971
ARMED FORCES	37,095	38,371	43,038	48,271

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 45
ALBUQUERQUE, N. MEXICO

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	265,822	313,865	336,142	360,000
TOTAL PERSONAL INCOME	756,794	989,288	1,217,926	1,499,400
TOTAL EARNINGS	624,160	811,810	1,066,193	1,404,257
PER CAPITA PERSONAL INCOME ($58)	2,847	3,152	3,623	4,165
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.03	1.03	1.01	1.00

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	118.1	126.4	135.4
TOTAL PERSONAL INCOME	130.7	160.9	198.1
TOTAL EARNINGS	130.1	170.8	225.0
AGRICULTURE, FORESTRY + FISHERIES	107.4	110.8	114.5
MINING	111.3	127.7	146.7
CRUDE PETROLEUM + NAT.GAS	110.5	124.6	140.4
MINING EXCL. FUELS	115.2	143.6	178.9
METAL MINING	116.2	145.4	182.2
NONMETALLIC	105.3	126.3	147.4
CONTRACT CONSTRUCTION	125.6	162.9	210.9
MANUFACTURING	114.3	143.7	181.1
FOOD + KINDRED PRODUCTS	118.2	146.3	181.1
APPAREL + OTHER TEXTILES	104.1	118.9	135.8
PRINTING + PUBLISHING	124.5	166.9	223.7
CHEMICALS + ALLIED PRODUCTS	113.7	114.5	115.8
LUMBER + FURNITURE	114.8	138.3	166.6
MACHINERY, ALL	117.7	153.2	199.5
MACHINERY, EXCL. ELECTRICAL	123.7	157.3	200.0
ELECTRICAL EQUIPMENT + SUPPLIES	114.4	150.9	199.2
TRANSPORTATION EQUIPMENT	128.9	157.2	192.1
MOTOR VEHICLES + EQUIPMENT	137.0	164.1	196.4
TRANSPORTATION EQUIPMENT, EXCL.	101.4	134.2	177.5
OTHER MANUFACTURING	109.2	136.6	171.6
PETROLEUM REFINING	140.2	168.3	201.8
FABRICATED METALS + ORDNANCE	101.9	121.3	144.5
MISCELLANEOUS MANUFACTURING	123.5	168.6	230.4
STONE, CLAY AND GLASS	122.1	163.9	220.1
OTHER MISC. MANUFACTURING	126.2	177.7	250.0
TRANSPORTATION, COMM., +PUBLUTIL.	117.0	147.4	186.0
TRANSPORTATION	117.5	146.3	182.7
RAILROAD TRANSPORTATION	95.6	109.5	125.5
TRUCKING + WAREHOUSING	132.5	170.2	218.5
OTHER TRANSPORTATION SERVICES	127.7	165.5	214.4
LOCAL AND SUBURBAN TRANSP.	124.0	153.8	190.7
AIR TRANSPORTATION	129.5	171.3	226.4
MISC. OTHER TRANSP. SERVICES	136.8	196.6	271.8
COMMUNICATIONS	112.4	142.9	181.7
UTILITIES (ELEC., GAS, SANITARY)	127.2	164.1	211.8
WHOLESALE + RETAIL TRADE	127.7	169.0	223.5
FINANCE, INSURANCE AND REAL ESTATE	130.8	170.3	221.6
SERVICES	153.8	209.4	285.1
TOTAL GOVERNMENT	117.6	151.4	196.2
CIVILIAN GOVERNMENT	121.7	161.6	215.2
FEDERAL GOVERNMENT	119.2	149.2	186.7
STATE AND LOCAL GOVERNMENT	124.4	174.7	245.5
ARMED FORCES	103.4	116.0	130.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	210,881	221,576	244,048	268,800
TOTAL PERSONAL INCOME	606,073	699,939	889,711	1,130,928
TOTAL EARNINGS	502,092	576,820	725,321	916,052
PER CAPITA PERSONAL INCOME ($58)	2,874	3,159	3,646	4,207
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.04	1.03	1.02	1.01

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	502,092	576,820	725,321	916,052
AGRICULTURE,FORESTRY + FISHERIES	3,036	3,236	2,959	2,707
MINING	567	605	678	759
MINING EXCL. FUELS	567	605	678	759
NONMETALLIC	567	605	678	759
CONTRACT CONSTRUCTION	33,559	38,120	47,457	59,080
MANUFACTURING	226,394	248,847	304,453	375,017
FOOD + KINDRED PRODUCTS	9,510	10,289	12,420	14,992
TEXTILE MILL PRODUCTS	16,177	16,049	16,436	16,833
APPAREL + OTHER TEXTILES	8,899	9,648	11,374	13,408
PRINTING + PUBLISHING	8,382	9,007	10,851	13,073
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	10,993	12,284	14,717	17,620
MACHINERY, ALL	97,381	109,778	142,738	186,081
MACHINERY,EXCL. ELECTRICAL	21,007	22,330	26,087	30,475
ELECTRICAL EQUIPMENT + SUPPLIES	76,374	87,448	116,651	155,606
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	12,003	12,475	14,858	17,696
PRIMARY METALS	6,664	7,565	9,072	10,880
FABRICATED METALS + ORDNANCE	4,186	5,375	7,714	11,071
MISCELLANEOUS MANUFACTURING	50,325	53,702	60,758	68,740
STONE, CLAY AND GLASS	3,802	4,267	5,154	6,226
OTHER MISC. MANUFACTURING	46,523	49,435	55,604	62,514
TRANSPORTATION,COMM.,+PUBLUTIL.	34,988	41,126	52,603	67,502
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	1,061	1,009	1,162	1,339
TRUCKING + WAREHOUSING	12,217	15,228	19,774	25,678
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	1,535	1,884	2,514	3,355
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	6,304	6,805	7,687	8,683
WHOLESALE + RETAIL TRADE	76,675	89,628	115,895	149,861
FINANCE,INSURANCE AND REAL ESTATE	24,864	29,143	36,324	45,275
SERVICES	58,680	74,636	98,470	129,915
TOTAL GOVERNMENT	43,329	51,479	66,482	85,936
CIVILIAN GOVERNMENT	38,140	45,631	59,197	76,862
FEDERAL GOVERNMENT	13,963	16,633	20,734	25,845
STATE AND LOCAL GOVERNMENT	24,177	28,998	38,463	51,017
ARMED FORCES	5,189	5,848	7,285	9,074

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 46
LAWRENCE-LOWELL-MANCHESTER

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	210,881	221,576	244,048	268,800
TOTAL PERSONAL INCOME	606,073	699,939	889,711	1,130,928
TOTAL EARNINGS	502,092	576,820	725,321	916,052
PER CAPITA PERSONAL INCOME ($58)	2,874	3,159	3,646	4,207
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.04	1.03	1.02	1.01

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1967	1970	1975	1980
POPULATION		105.1	115.7	127.5
TOTAL PERSONAL INCOME		115.5	146.8	186.6
TOTAL EARNINGS		114.9	144.5	182.4
AGRICULTURE, FORESTRY + FISHERIES		106.6	97.5	89.2
MINING		106.7	119.6	133.9
MINING EXCL. FUELS		106.7	119.6	133.9
NONMETALLIC		106.7	119.6	133.9
CONTRACT CONSTRUCTION		113.6	141.4	176.0
MANUFACTURING		109.9	134.5	165.6
FOOD + KINDRED PRODUCTS		108.2	130.6	157.6
TEXTILE MILL PRODUCTS		99.2	101.6	104.1
APPAREL + OTHER TEXTILES		108.4	127.8	150.7
PRINTING + PUBLISHING		107.5	129.5	156.0
CHEMICALS + ALLIED PRODUCTS		142.7	187.7	246.7
LUMBER + FURNITURE		111.7	133.8	160.3
MACHINERY, ALL		112.7	146.6	191.1
MACHINERY, EXCL. ELECTRICAL		106.3	124.2	145.1
ELECTRICAL EQUIPMENT + SUPPLIES		114.5	152.7	203.7
OTHER MANUFACTURING		108.1	126.3	148.1
PAPER + ALLIED PRODUCTS		103.9	123.8	147.4
PRIMARY METALS		113.5	136.1	163.3
FABRICATED METALS + ORDNANCE		128.4	184.3	264.5
MISCELLANEOUS MANUFACTURING		106.7	120.7	136.6
STONE, CLAY AND GLASS		112.2	135.6	163.8
OTHER MISC. MANUFACTURING		106.3	119.5	134.4
TRANSPORTATION, COMM., +PUBLUTIL.		117.5	150.3	192.9
TRANSPORTATION		122.5	158.9	206.4
RAILROAD TRANSPORTATION		95.1	109.5	126.2
TRUCKING + WAREHOUSING		124.6	161.9	210.2
OTHER TRANSPORTATION SERVICES		123.8	167.1	225.7
LOCAL AND SUBURBAN TRANSP.		122.7	163.8	218.6
AIR TRANSPORTATION		127.7	179.7	252.0
MISC. OTHER TRANSP. SERVICES		127.1	177.8	248.7
COMMUNICATIONS		116.4	154.0	203.6
UTILITIES (ELEC., GAS, SANITARY)		107.9	121.9	137.7
WHOLESALE + RETAIL TRADE		116.9	151.2	195.4
FINANCE, INSURANCE AND REAL ESTATE		117.2	146.1	182.1
SERVICES		127.2	167.8	221.4
TOTAL GOVERNMENT		118.8	153.4	198.3
CIVILIAN GOVERNMENT		119.6	155.2	201.5
FEDERAL GOVERNMENT		119.1	148.5	185.1
STATE AND LOCAL GOVERNMENT		119.9	159.1	211.0
ARMED FORCES		112.7	140.4	174.9

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	332,244	347,103	358,176	369,600
TOTAL PERSONAL INCOME	752,866	889,929	1,079,049	1,308,384
TOTAL EARNINGS	642,165	754,749	899,638	1,075,646
PER CAPITA PERSONAL INCOME ($58)	2,266	2,564	3,013	3,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.82	.83	.84	.85

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	642,165	754,749	899,638	1,075,646
AGRICULTURE, FORESTRY + FISHERIES	15,328	12,967	12,821	12,674
MINING	774	820	928	1,051
CRUDE PETROLEUM + NAT. GAS	391	423	473	530
MINING EXCL. FUELS	383	397	455	521
NONMETALLIC	383	397	455	521
CONTRACT CONSTRUCTION	29,247	36,567	43,924	52,760
MANUFACTURING	87,679	99,729	120,603	144,217
FOOD + KINDRED PRODUCTS	11,318	12,175	14,035	16,178
APPAREL + OTHER TEXTILES	41,549	45,848	55,631	67,501
PRINTING + PUBLISHING	4,310	4,909	6,148	7,750
CHEMICALS + ALLIED PRODUCTS	707	802	1,008	1,266
LUMBER + FURNITURE	2,094	2,462	3,072	3,834
MACHINERY, ALL	D	D	D	D
MACHINERY, EXCL. ELECTRICAL	490	530	707	943
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	466	640	791	984
MOTOR VEHICLES + EQUIPMENT	D	D	D	D
OTHER MANUFACTURING	D	D	D	D
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	4,024	5,610	6,752	8,127
PRIMARY METALS	9,450	10,305	11,690	13,261
FABRICATED METALS + ORDNANCE	4,209	6,465	9,019	12,583
MISCELLANEOUS MANUFACTURING	8,835	9,706	11,372	13,325
STONE, CLAY AND GLASS	3,830	4,094	4,603	5,175
OTHER MISC. MANUFACTURING	5,005	5,612	6,769	8,150
TRANSPORTATION, COMM., + PUBLUTIL.	60,370	65,053	75,967	88,835
TRANSPORTATION	34,799	37,396	44,277	52,504
RAILROAD TRANSPORTATION	17,755	16,838	19,095	21,654
TRUCKING + WAREHOUSING	10,173	12,563	15,521	19,176
OTHER TRANSPORTATION SERVICES	6,871	7,995	9,661	11,674
LOCAL AND SUBURBAN TRANSP.	4,374	5,134	6,280	7,682
AIR TRANSPORTATION	D	D	D	D
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	7,901	8,734	10,350	12,265
UTILITIES (ELEC., GAS, SANITARY)	17,670	18,923	21,340	24,066
WHOLESALE + RETAIL TRADE	104,391	119,511	144,226	174,054
FINANCE, INSURANCE AND REAL ESTATE	25,024	29,800	36,225	44,036
SERVICES	67,529	83,206	103,025	127,566
TOTAL GOVERNMENT	251,823	307,096	361,919	428,453
CIVILIAN GOVERNMENT	109,703	130,027	165,053	209,576
FEDERAL GOVERNMENT	61,640	73,380	91,727	114,660
STATE AND LOCAL GOVERNMENT	48,063	56,647	73,326	94,916
ARMED FORCES	142,120	177,069	196,866	218,877

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	332,244	347,103	358,176	369,600
TOTAL PERSONAL INCOME	752,866	889,929	1,079,059	1,308,384
TOTAL EARNINGS	642,165	754,749	899,638	1,075,646
PER CAPITA PERSONAL INCOME ($58)	2,266	2,564	3,013	3,540
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.82	.83	.84	.85

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	104.5	107.8	111.2
TOTAL PERSONAL INCOME	118.2	143.3	173.8
TOTAL EARNINGS	117.5	140.1	167.5
AGRICULTURE,FORESTRY + FISHERIES	84.6	83.6	82.7
MINING	105.9	119.9	135.8
CRUDE PETROLEUM + NAT.GAS	108.2	121.0	135.5
MINING EXCL. FUELS	103.7	118.8	136.0
NONMETALLIC	103.7	118.8	136.0
CONTRACT CONSTRUCTION	125.0	150.2	180.4
MANUFACTURING	113.7	137.6	166.8
FOOD + KINDRED PRODUCTS	107.6	124.0	142.9
APPAREL + OTHER TEXTILES	110.3	133.9	162.5
PRINTING + PUBLISHING	113.9	143.1	179.8
CHEMICALS + ALLIED PRODUCTS	113.4	142.6	179.1
LUMBER + FURNITURE	117.6	146.7	183.1
MACHINERY, ALL	109.5	147.6	199.3
MACHINERY,EXCL. ELECTRICAL	108.2	144.3	192.4
ELECTRICAL EQUIPMENT + SUPPLIES	117.7	168.4	241.8
TRANSPORTATION EQUIPMENT	137.3	169.7	211.2
MOTOR VEHICLES + EQUIPMENT	138.3	165.4	198.0
OTHER MANUFACTURING	121.0	146.5	178.4
PAPER + ALLIED PRODUCTS	124.3	152.0	185.1
PETROLEUM REFINING	139.4	167.8	202.0
PRIMARY METALS	109.0	123.7	140.3
FABRICATED METALS + ORDNANCE	153.6	214.3	299.0
MISCELLANEOUS MANUFACTURING	109.9	128.7	150.8
STONE, CLAY AND GLASS	106.9	120.2	135.1
OTHER MISC. MANUFACTURING	112.1	135.2	162.8
TRANSPORTATION,COMM.,+PUBLUTIL.	107.8	125.8	147.2
TRANSPORTATION	107.5	127.2	150.9
RAILROAD TRANSPORTATION	94.8	107.5	122.0
TRUCKING + WAREHOUSING	123.5	152.6	188.5
OTHER TRANSPORTATION SERVICES	116.4	140.6	169.9
LOCAL AND SUBURBAN TRANSP.	117.4	143.6	175.6
AIR TRANSPORTATION	110.6	123.5	137.8
MISC. OTHER TRANSP. SERVICES	121.1	155.2	196.6
COMMUNICATIONS	110.5	131.0	155.2
UTILITIES (ELEC.,GAS,SANITARY)	107.1	120.8	136.2
WHOLESALE + RETAIL TRADE	114.5	138.2	166.7
FINANCE,INSURANCE AND REAL ESTATE	119.1	144.8	176.0
SERVICES	123.2	152.6	188.9
TOTAL GOVERNMENT	121.9	143.7	170.1
CIVILIAN GOVERNMENT	118.5	150.5	191.0
FEDERAL GOVERNMENT	119.0	148.8	186.0
STATE AND LOCAL GOVERNMENT	117.9	152.6	197.5
ARMED FORCES	124.6	138.5	154.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 48
LAS VEGAS, NEV.

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	242,249	269,046	306,867	350,000
TOTAL PERSONAL INCOME	660,328	728,767	966,873	1,282,750
TOTAL EARNINGS	554,534	608,739	806,333	1,070,828
PER CAPITA PERSONAL INCOME ($58)	2,726	2,709	3,151	3,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	.88	.88	.88

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	554,534	608,739	806,333	1,070,828
AGRICULTURE, FORESTRY + FISHERIES	2,565	2,641	2,667	2,692
MINING	2,338	2,974	3,467	4,042
CRUDE PETROLEUM + NAT.GAS	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	1,639	1,765	2,094	2,484
CONTRACT CONSTRUCTION	36,550	39,228	51,126	66,632
MANUFACTURING	28,674	34,083	43,765	56,358
FOOD + KINDRED PRODUCTS	3,897	3,961	4,989	6,284
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	4,146	4,383	5,892	7,813
CHEMICALS + ALLIED PRODUCTS	4,376	6,896	9,123	12,070
LUMBER + FURNITURE	122	191	231	279
OTHER MANUFACTURING	15,784	18,225	22,842	28,708
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	389	508	688	933
MISCELLANEOUS MANUFACTURING	4,824	5,678	7,672	10,232
STONE, CLAY AND GLASS	3,235	3,772	4,996	6,618
OTHER MISC. MANUFACTURING	1,589	1,906	2,626	3,614
TRANSPORTATION, COMM., + PUBLUTIL.	39,584	41,856	53,793	69,229
TRANSPORTATION	22,074	23,228	29,592	37,785
RAILROAD TRANSPORTATION	5,147	4,504	5,206	6,017
TRUCKING + WAREHOUSING	4,977	5,749	7,666	10,221
OTHER TRANSPORTATION SERVICES	11,950	12,975	16,720	21,547
LOCAL AND SUBURBAN TRANSP.	7,583	8,363	11,017	14,512
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	4,052	4,240	5,166	6,293
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	9,913	10,455	13,711	17,980
UTILITIES (ELEC., GAS, SANITARY)	7,597	8,173	10,490	13,464
WHOLESALE + RETAIL TRADE	85,548	94,010	126,650	170,621
FINANCE, INSURANCE AND REAL ESTATE	25,147	28,390	37,805	50,342
SERVICES	241,145	261,680	350,196	468,653
TOTAL GOVERNMENT	92,983	103,877	136,884	182,259
CIVILIAN GOVERNMENT	62,886	72,592	101,627	142,527
FEDERAL GOVERNMENT	24,310	27,665	36,643	48,534
STATE AND LOCAL GOVERNMENT	38,576	44,927	64,984	93,993
ARMED FORCES	30,097	31,285	35,257	39,732

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 48
LAS VEGAS, NEV.

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	242,249	269,046	306,847	350,000
TOTAL PERSONAL INCOME	660,328	728,767	966,873	1,282,750
TOTAL EARNINGS	554,534	608,739	806,333	1,070,828
PER CAPITA PERSONAL INCOME ($58)	2,726	2,709	3,151	3,665
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.99	.88	.88	.88

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	111.1	126.7	144.5
TOTAL PERSONAL INCOME	110.4	146.4	194.3
TOTAL EARNINGS	109.8	145.4	193.1
AGRICULTURE,FORESTRY + FISHERIES	103.0	104.0	105.0
MINING	127.2	148.3	172.9
CRUDE PETROLEUM + NAT.GAS	90.0	100.0	110.0
MINING EXCL. FUELS	127.4	148.5	173.2
METAL MINING	174.2	197.8	224.5
NONMETALLIC	107.7	127.8	151.6
CONTRACT CONSTRUCTION	107.3	139.9	182.3
MANUFACTURING	118.9	152.6	196.5
FOOD + KINDRED PRODUCTS	101.6	128.0	161.3
APPAREL + OTHER TEXTILES	104.8	123.8	147.6
PRINTING + PUBLISHING	105.7	141.1	188.4
CHEMICALS + ALLIED PRODUCTS	157.6	208.5	275.8
LUMBER + FURNITURE	156.6	189.3	228.7
OTHER MANUFACTURING	115.5	144.7	181.9
PAPER + ALLIED PRODUCTS	134.2	163.2	200.0
PETROLEUM REFINING	157.1	171.4	200.0
PRIMARY METALS	113.8	137.4	165.8
FABRICATED METALS + ORDNANCE	130.6	176.9	239.8
MISCELLANEOUS MANUFACTURING	117.7	158.0	212.1
STONE, CLAY AND GLASS	116.6	154.4	204.6
OTHER MISC. MANUFACTURING	119.9	165.3	227.4
TRANSPORTATION,COMM.,+PUBLUTIL.	105.7	135.9	174.9
TRANSPORTATION	105.2	134.1	171.2
RAILROAD TRANSPORTATION	87.5	101.1	116.9
TRUCKING + WAREHOUSING	115.5	154.0	205.4
OTHER TRANSPORTATION SERVICES	108.6	139.9	180.3
LOCAL AND SUBURBAN TRANSP.	110.3	145.3	191.4
WATER TRANSPORTATION	109.1	130.3	154.5
AIR TRANSPORTATION	104.6	127.5	155.3
MISC. OTHER TRANSP. SERVICES	120.5	181.1	257.0
COMMUNICATIONS	105.5	138.3	181.4
UTILITIES (ELEC.,GAS,SANITARY)	107.6	138.1	177.2
WHOLESALE + RETAIL TRADE	109.9	148.0	199.4
FINANCE,INSURANCE AND REAL ESTATE	112.9	150.3	200.2
SERVICES	108.5	145.2	194.3
TOTAL GOVERNMENT	111.7	147.2	196.0
CIVILIAN GOVERNMENT	115.4	161.6	226.6
FEDERAL GOVERNMENT	113.8	150.7	199.6
STATE AND LOCAL GOVERNMENT	116.5	168.5	243.7
ARMED FORCES	103.9	117.1	132.0

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 49
FARGO-MOORHEAD

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	110,347	118,262	123,993	130,000
TOTAL PERSONAL INCOME	299,267	336,288	409,298	498,160
TOTAL EARNINGS	232,577	261,397	321,399	397,900
PER CAPITA PERSONAL INCOME ($58)	2,712	2,844	3,301	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.98	.93	.92	.92

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	232,577	261,397	321,399	397,900
AGRICULTURE, FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	244	268	312	364
NONMETALLIC	244	268	312	364
CONTRACT CONSTRUCTION	21,022	19,021	22,804	27,338
MANUFACTURING	15,899	16,695	19,312	22,460
FOOD + KINDRED PRODUCTS	6,349	6,206	6,592	6,876
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	2,764	2,969	3,610	4,389
LUMBER + FURNITURE	D	D	D	D
MACHINERY, ALL	2,078	2,341	2,883	3,551
MACHINERY, EXCL. ELECTRICAL	D	D	D	D
TRANSPORTATION EQUIPMENT	1,482	1,710	2,134	2,663
TRANSPORTATION EQUIPMENT, EXCL.	D	D	D	D
OTHER MANUFACTURING	3,064	3,320	3,970	4,755
PAPER + ALLIED PRODUCTS	D	D	D	D
PETROLEUM REFINING	D	D	D	D
FABRICATED METALS + ORDNANCE	1,520	1,497	1,740	2,022
MISCELLANEOUS MANUFACTURING	1,434	1,660	2,011	2,437
STONE, CLAY AND GLASS	996	1,161	1,421	1,738
OTHER MISC. MANUFACTURING	438	499	590	699
TRANSPORTATION, COMM., + PUBLUTIL.	2[illegible],343	25,041	29,949	35,864
TRANSPORTATION	14,963	15,726	18,427	21,596
RAILROAD TRANSPORTATION	7,474	7,192	8,323	9,631
TRUCKING + WAREHOUSING	5,018	5,750	6,721	7,855
OTHER TRANSPORTATION SERVICES	2,471	2,784	3,383	4,110
LOCAL AND SUBURBAN TRANSP.	1,323	1,469	1,749	2,082
AIR TRANSPORTATION	390	428	499	582
MISC. OTHER TRANSP. SERVICES	758	887	1,135	1,446
COMMUNICATIONS -	D	D	D	D
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	57,830	63,079	74,256	87,412
FINANCE, INSURANCE AND REAL ESTATE	15,862	18,322	22,410	27,411
SERVICES	36,621	46,566	61,092	80,043
TOTAL GOVERNMENT	37,357	45,809	62,780	86,418
CIVILIAN GOVERNMENT	35,698	44,127	60,903	84,323
FEDERAL GOVERNMENT	6,971	8,097	9,844	11,967
STATE AND LOCAL GOVERNMENT	28,727	36,030	51,059	72,356
ARMED FORCES	1,659	1,682	1,877	2,095

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	110,347	118,262	123,993	130,000
TOTAL PERSONAL INCOME	299,267	336,288	409,298	498,160
TOTAL EARNINGS	232,577	261,397	321,399	397,900
PER CAPITA PERSONAL INCOME ($58)	2,712	2,844	3,301	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.98	.93	.92	.92

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1967	1970	1975	1980
POPULATION		107.2	112.4	117.8
TOTAL PERSONAL INCOME		112.4	136.8	166.5
TOTAL EARNINGS		112.4	138.2	171.1
AGRICULTURE,FORESTRY + FISHERIES		109.0	116.9	125.4
MINING		108.7	126.5	147.4
MINING EXCL. FUELS		109.8	127.9	149.2
NONMETALLIC		109.8	127.9	149.2
CONTRACT CONSTRUCTION		90.5	108.5	130.0
MANUFACTURING		105.0	121.5	141.3
FOOD + KINDRED PRODUCTS		97.7	102.9	108.3
APPAREL + OTHER TEXTILES		130.8	153.8	180.8
PRINTING + PUBLISHING		107.4	130.6	158.8
LUMBER + FURNITURE		156.4	198.2	252.7
MACHINERY, ALL		112.7	138.7	170.9
MACHINERY,EXCL. ELECTRICAL		105.8	129.9	159.4
TRANSPORTATION EQUIPMENT		115.4	144.0	179.7
TRANSPORTATION EQUIPMENT,EXCL.		110.4	138.1	172.7
OTHER MANUFACTURING		108.4	129.6	155.2
PAPER + ALLIED PRODUCTS		155.8	220.8	311.7
PETROLEUM REFINING		130.3	148.5	169.7
FABRICATED METALS + ORDNANCE		98.5	114.5	133.0
MISCELLANEOUS MANUFACTURING		115.8	140.2	169.9
STONE, CLAY AND GLASS		116.6	142.7	174.5
OTHER MISC. MANUFACTURING		113.9	134.7	159.6
TRANSPORTATION,COMM.,+PUBLUTIL.		107.3	128.3	153.6
TRANSPORTATION		105.1	123.2	144.3
RAILROAD TRANSPORTATION		96.2	111.4	128.9
TRUCKING + WAREHOUSING		114.6	133.9	156.5
OTHER TRANSPORTATION SERVICES		112.7	136.9	166.3
LOCAL AND SUBURBAN TRANSP.		111.0	132.2	157.4
AIR TRANSPORTATION		109.7	127.9	149.2
MISC. OTHER TRANSP. SERVICES		117.0	149.7	190.8
COMMUNICATIONS		111.9	140.7	177.0
UTILITIES (ELEC.,GAS,SANITARY)		108.4	124.8	143.6
WHOLESALE + RETAIL TRADE		109.1	128.4	151.2
FINANCE,INSURANCE AND REAL ESTATE		115.5	141.3	172.8
SERVICES		127.2	166.7	218.6
TOTAL GOVERNMENT		122.6	168.1	231.3
CIVILIAN GOVERNMENT		123.6	170.6	236.2
FEDERAL GOVERNMENT		116.2	141.2	171.7
STATE AND LOCAL GOVERNMENT		125.4	177.7	251.9
ARMED FORCES		101.4	113.1	126.3

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 50
BOISE, IDAHO

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	101,184	109,468	116,977	125,000
TOTAL PERSONAL INCOME	257,311	302,540	380,682	479,000
TOTAL EARNINGS	207,399	239,007	292,837	359,514
PER CAPITA PERSONAL INCOME ($58)	2,543	2,764	3,254	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1,00)	.92	.90	.91	.92
EARNINGS BY INDUSTRY				
TOTAL EARNINGS	207,399	239,007	292,837	359,514
AGRICULTURE,FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
MINING EXCL. FUELS	D	D	D	D
METAL MINING	118	123	134	147
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	18,262	20,350	24,107	28,557
MANUFACTURING	23,024	26,491	32,894	40,907
FOOD + KINDRED PRODUCTS	5,390	5,756	6,796	8,023
APPAREL + OTHER TEXTILES	143	124	145	170
PRINTING + PUBLISHING	3,023	3,310	4,034	4,917
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	5,023	5,921	7,337	9,092
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	1,583	1,677	2,127	2,698
TRANSPORTATION EQUIPMENT	D	D	D	D
TRANSPORTATION EQUIPMENT,EXCL.	4,082	4,719	6,052	7,761
OTHER MANUFACTURING	3,560	4,383	5,568	7,077
PAPER + ALLIED PRODUCTS	D	D	D	D
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	2,086	2,581	3,257	4,110
MISCELLANEOUS MANUFACTURING	1,348	1,602	2,042	2,603
STONE, CLAY AND GLASS	560	649	798	980
OTHER MISC. MANUFACTURING	788	953	1,244	1,623
TRANSPORTATION,COMM.,+PUBLUTIL.	20,866	22,850	26,679	31,067
TRANSPORTATION	7,321	8,218	9,517	11,036
RAILROAD TRANSPORTATION	710	633	649	666
TRUCKING + WAREHOUSING	4,092	4,732	5,470	6,323
OTHER TRANSPORTATION SERVICES	2,519	2,853	3,398	4,047
LOCAL AND SUBURBAN TRANSP.	1,063	1,172	1,365	1,589
WATER TRANSPORTATION	D	D	D	D
AIR TRANSPORTATION	1,240	1,443	1,743	2,155
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	6,453	7,018	8,473	10,229
UTILITIES (ELEC.,GAS,SANITARY)	7,092	7,614	8,639	9,802
WHOLESALE + RETAIL TRADE	52,450	59,259	72,988	89,898
FINANCE,INSURANCE AND REAL ESTATE	17,763	20,548	24,555	29,343
SERVICES	32,450	40,196	50,874	64,263
TOTAL GOVERNMENT	37,990	44,699	56,349	71,100
CIVILIAN GOVERNMENT	35,256	41,740	52,828	66,911
FEDERAL GOVERNMENT	13,835	16,232	19,828	24,220
STATE AND LOCAL GOVERNMENT	21,421	25,508	33,000	42,691
ARMED FORCES	2,734	2,959	3,521	4,189

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	101,184	109,468	116,977	125,000
TOTAL PERSONAL INCOME	257,311	302,540	380,682	479,000
TOTAL EARNINGS	207,399	239,007	292,837	359,514
PER CAPITA PERSONAL INCOME ($58)	2,543	2,764	3,254	3,832
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.92	.90	.91	.92

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	108.2	115.6	123.5
TOTAL PERSONAL INCOME	117.6	147.9	186.2
TOTAL EARNINGS	115.2	141.2	173.3
AGRICULTURE,FORESTRY + FISHERIES	100.3	97.2	94.2
MINING	103.1	114.1	127.0
MINING EXCL. FUELS	103.1	114.1	127.0
METAL MINING	104.2	113.6	124.6
NONMETALLIC	100.0	115.6	133.3
CONTRACT CONSTRUCTION	111.4	132.0	156.4
MANUFACTURING	115.1	142.9	177.7
FOOD + KINDRED PRODUCTS	106.8	126.1	148.8
APPAREL + OTHER TEXTILES	86.7	101.4	118.9
PRINTING + PUBLISHING	109.5	133.4	162.7
CHEMICALS + ALLIED PRODUCTS	138.6	170.2	210.5
LUMBER + FURNITURE	117.9	146.1	181.0
MACHINERY, ALL	115.3	146.4	186.1
MACHINERY,EXCL. ELECTRICAL	105.9	134.4	170.4
TRANSPORTATION EQUIPMENT	120.0	155.5	201.7
TRANSPORTATION EQUIPMENT,EXCL.	115.6	148.3	190.1
OTHER MANUFACTURING	123.1	156.4	198.8
PAPER + ALLIED PRODUCTS	157.7	222.7	313.4
PRIMARY METALS	162.1	182.8	206.9
FABRICATED METALS + ORDNANCE	123.7	156.1	197.0
MISCELLANEOUS MANUFACTURING	118.8	151.5	193.1
STONE, CLAY AND GLASS	115.9	142.5	175.0
OTHER MISC. MANUFACTURING	120.9	157.9	206.0
TRANSPORTATION,COMM.,+PUBLUTIL.	109.5	127.6	148.9
TRANSPORTATION	112.3	130.0	150.7
RAILROAD TRANSPORTATION	89.2	91.4	93.8
TRUCKING + WAREHOUSING	115.6	133.7	154.5
OTHER TRANSPORTATION SERVICES	113.3	134.9	160.7
LOCAL AND SUBURBAN TRANSP.	110.3	128.4	149.5
WATER TRANSPORTATION	116.7	133.3	166.7
AIR TRANSPORTATION	116.4	142.2	173.8
MISC. OTHER TRANSP. SERVICES	110.0	124.8	139.5
COMMUNICATIONS	108.8	131.3	158.5
UTILITIES (ELEC.,GAS,SANITARY)	107.4	121.8	138.2
WHOLESALE + RETAIL TRADE	113.0	139.2	171.4
FINANCE,INSURANCE AND REAL ESTATE	115.7	138.2	165.2
SERVICES	123.9	156.6	198.0
TOTAL GOVERNMENT	117.7	148.3	187.2
CIVILIAN GOVERNMENT	118.4	149.8	189.8
FEDERAL GOVERNMENT	117.3	143.3	175.1
STATE AND LOCAL GOVERNMENT	119.1	154.1	199.3
ARMED FORCES	108.2	128.8	153.2

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 51
BILLINGS, MONTANA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	82,107	86,109	90,445	95,000
TOTAL PERSONAL INCOME	218,340	255,112	312,910	383,800
TOTAL EARNINGS	173,861	202,304	244,910	297,773
PER CAPITA PERSONAL INCOME ($58)	2,659	2,963	3,460	4,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.96	.96	.97	.97

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	173,861	202,304	244,910	297,773
AGRICULTURE, FORESTRY + FISHERIES	D	D	D	D
MINING	D	D	D	D
CRUDE PETROLEUM + NAT. GAS	1,960	2,415	3,087	3,946
MINING EXCL. FUELS	D	D	D	D
METAL MINING	D	D	D	D
NONMETALLIC	745	860	1,055	1,294
CONTRACT CONSTRUCTION	16,279	18,146	20,909	24,092
MANUFACTURING	23,228	25,675	29,320	33,557
FOOD + KINDRED PRODUCTS	8,059	7,007	7,658	8,370
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	2,767	3,182	3,937	4,871
LUMBER + FURNITURE	284	380	435	498
MACHINERY, ALL	145	148	203	279
MACHINERY, EXCL. ELECTRICAL	145	148	203	279
OTHER MANUFACTURING	11,873	14,731	16,817	19,22
PETROLEUM REFINING	D	D	D	D
FABRICATED METALS + ORDNANCE	1,151	1,335	1,477	1,633
MISCELLANEOUS MANUFACTURING	D	D	D	D
STONE, CLAY AND GLASS	1,581	1,231	1,518	1,872
TRANSPORTATION, COMM., + PUBL UTIL.	18,971	20,787	24,553	29,072
TRANSPORTATION	15,700	17,073	19,862	23,128
RAILROAD TRANSPORTATION	5,542	5,289	6,024	6,862
TRUCKING + WAREHOUSING	4,701	5,542	6,734	8,182
OTHER TRANSPORTATION SERVICES	5,457	6,242	7,104	8,084
LOCAL AND SUBURBAN TRANSP.	2,795	3,262	3,816	4,463
AIR TRANSPORTATION	1,516	1,691	1,854	2,033
MISC. OTHER TRANSP. SERVICES	1,146	1,289	1,434	1,588
COMMUNICATIONS	2,718	3,101	4,018	5,206
UTILITIES (ELEC., GAS, SANITARY)	553	613	673	738
WHOLESALE + RETAIL TRADE	43,273	48,643	59,318	72,336
FINANCE, INSURANCE AND REAL ESTATE	10,216	12,213	14,487	17,136
SERVICES	29,621	38,278	48,901	62,471
TOTAL GOVERNMENT	22,500	26,726	34,772	45,369
CIVILIAN GOVERNMENT	21,462	25,674	33,598	44,058
FEDERAL GOVERNMENT	7,380	8,680	10,646	13,058
STATE AND LOCAL GOVERNMENT	14,082	16,994	22,952	31,000
ARMED FORCES	1,038	1,052	1,174	1,311

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 51
BILLINGS, MONTANA

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	82,107	86,109	90,445	95,000
TOTAL PERSONAL INCOME	218,340	255,112	312,910	383,800
TOTAL EARNINGS	173,861	202,304	244,910	297,773
PER CAPITA PERSONAL INCOME ($58)	2,659	2,963	3,460	4,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.96	.96	.97	.97

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

I T E M	1970	1975	1980
POPULATION	104.9	110.2	115.7
TOTAL PERSONAL INCOME	116.8	143.3	175.8
TOTAL EARNINGS	116.4	140.9	171.3
AGRICULTURE,FORESTRY + FISHERIES	121.7	121.5	121.3
MINING	119.5	149.8	188.5
CRUDE PETROLEUM + NAT.GAS	123.2	157.5	201.3
MINING EXCL. FUELS	115.4	141.5	173.6
METAL MINING	100.0	100.0	150.0
NONMETALLIC	115.4	141.6	173.7
CONTRACT CONSTRUCTION	111.5	128.4	148.0
MANUFACTURING	110.5	126.2	144.5
FOOD + KINDRED PRODUCTS	86.9	95.0	103.9
APPAREL + OTHER TEXTILES	172.2	202.8	236.1
PRINTING + PUBLISHING	115.0	142.3	176.0
LUMBER + FURNITURE	133.8	153.2	175.4
MACHINERY, ALL	102.1	140.0	192.4
MACHINERY,EXCL. ELECTRICAL	102.1	140.0	192.4
OTHER MANUFACTURING	124.1	141.6	161.9
PETROLEUM REFINING	133.3	150.9	170.8
FABRICATED METALS + ORDNANCE	116.0	128.3	141.9
MISCELLANEOUS MANUFACTURING	77.4	94.7	115.9
STONE, CLAY AND GLASS	77.9	96.0	118.4
TRANSPORTATION,COMM.,+PUBLUTIL.	109.6	129.4	153.2
TRANSPORTATION	108.7	126.5	147.3
RAILROAD TRANSPORTATION	95.4	108.7	123.8
TRUCKING + WAREHOUSING	117.9	143.2	174.0
OTHER TRANSPORTATION SERVICES	114.4	130.2	148.1
LOCAL AND SUBURBAN TRANSP.	116.7	136.5	159.7
AIR TRANSPORTATION	111.5	122.3	134.1
MISC. OTHER TRANSP. SERVICES	112.5	125.1	138.6
COMMUNICATIONS	114.1	147.8	191.5
UTILITIES (ELEC.,GAS,SANITARY)	110.8	121.7	133.5
WHOLESALE + RETAIL TRADE	112.4	137.1	167.2
FINANCE,INSURANCE AND REAL ESTATE	119.5	141.6	167.7
SERVICES	129.2	165.1	210.9
TOTAL GOVERNMENT	118.8	154.5	201.6
CIVILIAN GOVERNMENT	119.6	156.5	205.3
FEDERAL GOVERNMENT	117.6	144.3	176.9
STATE AND LOCAL GOVERNMENT	120.7	163.0	220.1
ARMED FORCES	101.3	113.1	126.3

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 52
SIOUX FALLS, IOWA

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	89,794	95,271	102,370	110,000
TOTAL PERSONAL INCOME	251,096	282,609	354,389	444,400
TOTAL EARNINGS	192,682	216,139	263,803	322,533
PER CAPITA PERSONAL INCOME ($58)	2,796	2,966	3,462	4,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.01	.97	.97	.97

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	192,682	216,139	263,803	322,533
AGRICULTURE, FORESTRY + FISHERIES	11,925	11,567	13,023	14,660
MINING	912	908	1,078	1,279
MINING EXCL. FUELS	912	908	1,078	1,279
NONMETALLIC	912	908	1,078	1,279
CONTRACT CONSTRUCTION	9,323	12,981	15,871	19,282
MANUFACTURING	39,865	42,979	51,528	61,877
FOOD + KINDRED PRODUCTS	29,505	31,523	37,466	44,529
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	1,855	1,885	2,190	2,545
LUMBER + FURNITURE	204	226	253	284
MACHINERY, ALL	1,461	1,625	1,997	2,454
MACHINERY, EXCL. ELECTRICAL	1,461	1,625	1,997	2,454
OTHER MANUFACTURING	6,649	7,497	9,452	11,935
PAPER + ALLIED PRODUCTS	299	408	578	684
FABRICATED METALS + ORDNANCE	2,535	2,701	3,221	3,840
MISCELLANEOUS MANUFACTURING	3,815	4,388	5,703	7,411
STONE, CLAY AND GLASS	1,044	1,153	1,407	1,718
OTHER MISC. MANUFACTURING	2,771	3,235	4,296	5,693
TRANSPORTATION, COMM., + PUBLUTIL.	19,661	21,064	24,869	29,397
TRANSPORTATION	10,390	11,299	13,277	15,630
RAILROAD TRANSPORTATION	1,267	1,076	1,097	1,119
TRUCKING + WAREHOUSING	6,711	7,614	9,081	10,831
OTHER TRANSPORTATION SERVICES	2,412	2,609	3,099	3,680
LOCAL AND SUBURBAN TRANSP.	734	777	893	1,027
AIR TRANSPORTATION	699	768	931	1,129
MISC. OTHER TRANSP. SERVICES	979	1,064	1,275	1,524
COMMUNICATIONS	6,199	6,527	7,870	9,489
UTILITIES (ELEC., GAS, SANITARY)	3,072	3,238	3,722	4,278
WHOLESALE + RETAIL TRADE	48,021	54,014	66,414	81,659
FINANCE, INSURANCE AND REAL ESTATE	14,017	15,598	18,754	22,549
SERVICES	30,923	36,016	45,417	57,272
TOTAL GOVERNMENT	18,035	21,012	26,899	34,558
CIVILIAN GOVERNMENT	16,660	19,586	25,323	32,816
FEDERAL GOVERNMENT	6,249	7,060	8,547	10,347
STATE AND LOCAL GOVERNMENT	10,411	12,526	16,776	22,469
ARMED FORCES	1,375	1,426	1,576	1,742

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 52
SIOUX FALLS, IOWA

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	89,794	95,271	102,370	110,000
TOTAL PERSONAL INCOME	251,096	282,609	354,389	444,400
TOTAL EARNINGS	192,682	216,139	263,803	322,533
PER CAPITA PERSONAL INCOME ($58)	2,796	2,966	3,462	4,040
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.01	.97	.97	.97

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1970	1975	1980
POPULATION	106.1	114.0	122.5
TOTAL PERSONAL INCOME	112.6	141.1	177.0
TOTAL EARNINGS	112.2	136.9	167.4
AGRICULTURE,FORESTRY + FISHERIES	97.0	109.2	122.9
MINING	99.6	118.2	140.2
MINING EXCL. FUELS	99.6	118.2	140.2
NONMETALLIC	99.6	118.2	140.2
CONTRACT CONSTRUCTION	139.2	169.7	206.8
MANUFACTURING	107.8	129.3	155.2
FOOD + KINDRED PRODUCTS	106.8	127.0	150.9
APPAREL + OTHER TEXTILES	91.7	100.0	108.3
PRINTING + PUBLISHING	101.6	118.1	137.2
LUMBER + FURNITURE	110.8	124.0	139.2
MACHINERY, ALL	111.2	136.7	168.0
MACHINERY,EXCL. ELECTRICAL	111.2	136.7	168.0
OTHER MANUFACTURING	112.8	142.2	179.5
PAPER + ALLIED PRODUCTS	136.5	176.6	228.8
FABRICATED METALS + ORDNANCE	106.5	127.1	151.5
MISCELLANEOUS MANUFACTURING	115.0	149.5	194.3
STONE, CLAY AND GLASS	110.4	134.8	164.6
OTHER MISC. MANUFACTURING	116.7	155.0	205.4
TRANSPORTATION,COMM.,+PUBLUTIL.	107.1	126.5	149.5
TRANSPORTATION	108.7	127.8	150.4
RAILROAD TRANSPORTATION	84.9	86.6	88.3
TRUCKING + WAREHOUSING	113.5	135.3	161.4
OTHER TRANSPORTATION SERVICES	108.2	128.5	152.6
LOCAL AND SUBURBAN TRANSP.	105.9	121.7	139.9
AIR TRANSPORTATION	109.9	133.2	161.5
MISC. OTHER TRANSP. SERVICES	108.7	130.2	155.7
COMMUNICATIONS	105.3	127.0	153.1
UTILITIES (ELEC.,GAS,SANITARY)	105.4	121.2	139.3
WHOLESALE + RETAIL TRADE	112.5	138.3	170.0
FINANCE,INSURANCE AND REAL ESTATE	111.3	133.8	160.9
SERVICES	116.5	146.9	185.2
TOTAL GOVERNMENT	116.5	149.1	191.6
CIVILIAN GOVERNMENT	117.6	152.0	197.0
FEDERAL GOVERNMENT	113.0	136.8	165.6
STATE AND LOCAL GOVERNMENT	120.3	161.1	215.8
ARMED FORCES	103.7	114.6	126.7

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 53
CHEYENNE, WYOMING

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	56,712	55,351	59,005	62,900
TOTAL PERSONAL INCOME	164,578	180,487	221,764	272,483
TOTAL EARNINGS	128,651	142,585	170,345	204,763
PER CAPITA PERSONAL INCOME ($58)	2,902	3,261	3,758	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.06	1.05	1.04

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	128,651	142,585	170,345	204,763
AGRICULTURE,FORESTRY + FISHERIES	6,280	6,602	6,762	6,924
MINING	622	632	705	791
CRUDE PETROLEUM + NAT.GAS	174	182	186	190
MINING EXCL. FUELS	448	450	519	601
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	10,227	10,919	12,191	13,612
MANUFACTURING	10,116	12,504	15,511	19,340
FOOD + KINDRED PRODUCTS	571	598	686	786
PRINTING + PUBLISHING	1,112	1,243	1,569	1,981
CHEMICALS + ALLIED PRODUCTS	D	D	D	D
LUMBER + FURNITURE	D	D	D	D
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	332	341	392	451
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	794	920	1,114	1,350
TRANSPORTATION EQUIPMENT,EXCL.	D	D	D	D
OTHER MANUFACTURING	D	D	D	D
PETROLEUM REFINING	D	D	D	D
FABRICATED METALS + ORDNANCE	3,554	4,786	6,289	8,263
MISCELLANEOUS MANUFACTURING	853	998	1,280	1,642
STONE, CLAY AND GLASS	270	323	428	566
OTHER MISC. MANUFACTURING	583	675	852	1,076
TRANSPORTATION,COMM..+PUBLUTIL.	18,955	18,967	21,646	24,845
TRANSPORTATION	14,411	13,825	15,128	16,579
RAILROAD TRANSPORTATION	11,640	10,707	11,517	12,389
TRUCKING + WAREHOUSING	1,122	1,335	1,618	1,962
OTHER TRANSPORTATION SERVICES	1,649	1,783	1,993	2,228
LOCAL AND SUBURBAN TRANSP.	1,315	1,430	1,611	1,816
AIR TRANSPORTATION	166	176	192	209
MISC. OTHER TRANSP. SERVICES	168	177	190	203
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	17,656	19,798	23,992	29,074
FINANCE,INSURANCE AND REAL ESTATE	6,340	7,334	8,853	10,687
SERVICES	12,987	15,321	19,726	25,396
TOTAL GOVERNMENT	45,468	50,508	60,959	74,094
CIVILIAN GOVERNMENT	24,849	29,391	37,553	48,152
FEDERAL GOVERNMENT	10,336	11,942	14,158	16,784
STATE AND LOCAL GOVERNMENT	14,513	17,449	23,395	31,368
ARMED FORCES	20,619	21,117	23,406	25,942

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 53
CHEYENNE, WYOMING

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	56,712	55,351	59,005	62,900
TOTAL PERSONAL INCOME	164,578	180,487	221,764	272,483
TOTAL EARNINGS	128,651	142,585	170,345	204,763
PER CAPITA PERSONAL INCOME ($58)	2,902	3,261	3,758	4,332
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.05	1.06	1.05	1.04

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

POPULATION	97.6	104.0	110.9
TOTAL PERSONAL INCOME	109.7	134.7	165.6
TOTAL EARNINGS	110.8	132.4	159.2
AGRICULTURE, FORESTRY + FISHERIES	105.1	107.7	110.3
MINING	101.6	113.3	127.2
CRUDE PETROLEUM + NAT.GAS	104.6	106.9	109.2
MINING EXCL. FUELS	100.4	115.8	134.2
METAL MINING	120.3	153.1	195.3
NONMETALLIC	97.1	109.6	124.0
CONTRACT CONSTRUCTION	106.8	119.2	133.1
MANUFACTURING	123.6	153.3	191.2
FOOD + KINDRED PRODUCTS	104.7	120.1	137.7
PRINTING + PUBLISHING	111.8	141.1	178.1
CHEMICALS + ALLIED PRODUCTS	115.0	147.6	189.4
LUMBER + FURNITURE	100.0	100.0	100.0
MACHINERY, ALL	103.6	123.0	147.8
MACHINERY, EXCL. ELECTRICAL	102.7	118.1	135.8
ELECTRICAL EQUIPMENT + SUPPLIES	111.8	170.6	264.7
TRANSPORTATION EQUIPMENT	115.9	140.3	170.0
TRANSPORTATION EQUIPMENT, EXCL.	115.1	139.2	168.1
OTHER MANUFACTURING	130.9	162.8	203.8
PETROLEUM REFINING	130.0	141.7	154.5
FABRICATED METALS + ORDNANCE	134.7	177.0	232.5
MISCELLANEOUS MANUFACTURING	117.0	150.1	192.5
STONE, CLAY AND GLASS	119.6	158.5	209.6
OTHER MISC. MANUFACTURING	115.8	146.1	184.6
TRANSPORTATION, COMM., +PUBLUTIL.	100.1	114.2	131.1
TRANSPORTATION	95.9	105.0	115.0
RAILROAD TRANSPORTATION	92.0	98.9	106.4
TRUCKING + WAREHOUSING	119.0	144.2	174.9
OTHER TRANSPORTATION SERVICES	108.1	120.9	135.1
LOCAL AND SUBURBAN TRANSP.	108.7	122.5	138.1
AIR TRANSPORTATION	106.0	115.7	125.9
MISC. OTHER TRANSP. SERVICES	105.4	113.1	120.8
COMMUNICATIONS	111.3	139.6	175.1
UTILITIES (ELEC., GAS, SANITARY)	118.5	154.4	201.3
WHOLESALE + RETAIL TRADE	112.1	135.9	164.7
FINANCE, INSURANCE AND REAL ESTATE	115.7	139.6	168.6
SERVICES	118.0	151.9	195.5
TOTAL GOVERNMENT	111.1	134.1	163.0
CIVILIAN GOVERNMENT	118.3	151.1	193.8
FEDERAL GOVERNMENT	115.5	137.0	162.4
STATE AND LOCAL GOVERNMENT	120.2	161.2	216.1
ARMED FORCES	102.4	113.5	125.8

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	144,930	160,000	169,706	180,000
TOTAL PERSONAL INCOME	533,995	600,156	722,412	869,560
TOTAL EARNINGS	502,823	552,144	662,182	799,949
PER CAPITA PERSONAL INCOME ($58)	3,685	3,751	4,257	4,831
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.22	1.19	1.16

EARNINGS BY INDUSTRY

ITEM	1967	1970	1975	1980
TOTAL EARNINGS	502,823	552,144	662,182	799,949
AGRICULTURE,FORESTRY + FISHERIES	10,867	8,944	9,886	10,956
MINING	23,976	24,420	25,538	26,712
COAL MINING	1,400	1,196	1,260	1,328
CRUDE PETROLEUM + NAT.GAS	22,416	23,048	24,069	25,135
MINING EXCL. FUELS	160	176	209	249
METAL MINING	D	D	D	D
NONMETALLIC	D	D	D	D
CONTRACT CONSTRUCTION	55,491	56,656	62,022	67,895
MANUFACTURING	22,592	24,304	28,078	32,588
FOOD + KINDRED PRODUCTS	15,046	15,803	16,624	18,420
PRINTING + PUBLISHING	2,489	2,716	3,438	4,352
CHEMICALS + ALLIED PRODUCTS	547	626	775	960
LUMBER + FURNITURE	1,488	1,645	1,859	2,101
MACHINERY, ALL	D	D	D	D
MACHINERY,EXCL. ELECTRICAL	530	522	609	937
TRANSPORTATION EQUIPMENT	158	218	280	360
TRANSPORTATION EQUIPMENT,EXCL.	158	218	280	360
OTHER MANUFACTURING	2,327	3,273	3,924	4,700
PETROLEUM REFINING	307	431	506	593
MISCELLANEOUS MANUFACTURING	D	D	D	D
STONE, CLAY AND GLASS	1,353	1,789	2,136	2,551
TRANSPORTATION,COMM.,+PUBLUTIL.	37,651	41,587	49,974	60,085
TRANSPORTATION	22,060	24,534	29,277	34,946
RAILROAD TRANSPORTATION	1,846	1,70	1,921	2,170
TRUCKING + WAREHOUSING	5,714	6,613	8,012	9,707
OTHER TRANSPORTATION SERVICES	14,500	16,220	19,344	23,069
LOCAL AND SUBURBAN TRANSP.	662	844	1,001	1,187
WATER TRANSPORTATION	1,069	1,319	1,488	1,678
AIR TRANSPORTATION	6,038	7,731	9,229	11,017
MISC. OTHER TRANSP. SERVICES	6,731	6,326	7,626	9,187
COMMUNICATIONS	D	D	D	D
UTILITIES (ELEC.,GAS,SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	55,568	61,894	77,206	96,304
FINANCE,INSURANCE AND REAL ESTATE	13,584	15,428	18,817	22,951
SERVICES	47,070	54,020	68,432	86,689
TOTAL GOVERNMENT	236,024	264,891	322,229	395,769
CIVILIAN GOVERNMENT	140,259	165,840	211,132	271,162
FEDERAL GOVERNMENT	80,242	90,899	105,854	123,268
STATE AND LOCAL GOVERNMENT	60,017	74,941	105,278	147,894
ARMED FORCES	95,765	99,051	111,097	124,607

D-DENOTES FIGURES WITHHELD TO AVOID DISCLOSURE

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
TOTAL PERSONAL INCOME	533,995	600,156	722,412	869,560
POPULATION	144,930	160,000	169,706	180,000
TOTAL EARNINGS	502,823	552,144	662,182	799,949
PER CAPITA PERSONAL INCOME ($58)	3,685	3,751	4,257	4,831
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	1.33	1.22	1.19	1.16

POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967
(1967 = 100.0)

ITEM	1967	1970	1975	1980
POPULATION		110.4	117.1	124.2
TOTAL PERSONAL INCOME		112.4	135.3	162.8
TOTAL EARNINGS		109.8	131.7	159.1
AGRICULTURE,FORESTRY + FISHERIES		82.3	91.0	100.8
MINING		101.9	106.5	111.4
COAL MINING		85.4	90.0	94.9
CRUDE PETROLEUM + NAT.GAS		102.8	107.4	112.1
MINING EXCL. FUELS		110.0	130.6	155.6
METAL MINING		108.7	128.0	150.7
NONMETALLIC		130.0	170.0	230.0
CONTRACT CONSTRUCTION		102.1	111.8	122.4
MANUFACTURING		107.6	124.3	144.2
FOOD + KINDRED PRODUCTS		99.7	110.5	122.4
PRINTING + PUBLISHING		109.1	138.1	174.8
CHEMICALS + ALLIED PRODUCTS		114.4	141.7	175.5
LUMBER + FURNITURE		110.6	124.9	141.2
MACHINERY, ALL		153.8	220.0	316.8
MACHINERY,EXCL. ELECTRICAL		98.5	131.9	176.8
TRANSPORTATION EQUIPMENT		138.0	177.2	227.8
TRANSPORTATION EQUIPMENT,EXCL.		138.0	177.2	227.8
OTHER MANUFACTURING		140.7	168.6	202.0
PETROLEUM REFINING		140.4	164.8	193.2
MISCELLANEOUS MANUFACTURING		115.6	138.0	164.8
STONE, CLAY AND GLASS		132.2	157.9	188.5
TRANSPORTATION,COMM.,+PUBLUTIL.		110.5	132.7	159.6
TRANSPORTATION		111.2	132.7	158.4
RAILROAD TRANSPORTATION		92.1	104.1	117.6
TRUCKING + WAREHOUSING		115.7	140.2	169.9
OTHER TRANSPORTATION SERVICES		111.9	133.4	159.1
LOCAL AND SUBURBAN TRANSP.		127.5	151.2	179.3
WATER TRANSPORTATION		123.4	139.2	157.0
AIR TRANSPORTATION		128.0	152.8	182.5
MISC. OTHER TRANSP. SERVICES		94.0	113.3	136.5
COMMUNICATIONS		110.2	136.3	168.4
UTILITIES (ELEC.,GAS,SANITARY)		107.5	124.9	145.1
WHOLESALE + RETAIL TRADE		111.4	138.9	173.3
FINANCE,INSURANCE AND REAL ESTATE		113.6	138.5	169.0
SERVICES		114.8	145.4	184.2
TOTAL GOVERNMENT		112.2	136.5	167.7
CIVILIAN GOVERNMENT		118.2	150.5	193.3
FEDERAL GOVERNMENT		113.3	131.9	153.6
STATE AND LOCAL GOVERNMENT		124.9	175.4	246.4
ARMED FORCES		103.4	116.0	130.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

AIR QUALITY CONTROL REGION 55
BURLINGTON, VERMONT

TABLE 1

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

ITEM	1967	1970	1975	1980
POPULATION	95,255	98,527	110,977	125,000
TOTAL PERSONAL INCOME	239,567	280,857	372,719	494,625
TOTAL EARNINGS	199,408	232,550	301,179	391,302
PER CAPITA PERSONAL INCOME ($58)	2,515	2,851	3,359	3,957
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.91	.93	.94	.95
EARNINGS BY INDUSTRY				
TOTAL EARNINGS	199,408	232,550	301,179	391,302
AGRICULTURE, FORESTRY + FISHERIES	3,913	4,032	4,013	3,995
MINING	169	213	302	427
MINING EXCL. FUELS	169	213	302	427
NONMETALLIC	169	213	302	427
CONTRACT CONSTRUCTION	17,528	19,880	24,950	31,300
MANUFACTURING	65,058	72,170	91,331	115,848
FOOD + KINDRED PRODUCTS	4,367	4,567	5,355	6,280
APPAREL + OTHER TEXTILES	D	D	D	D
PRINTING + PUBLISHING	2,753	2,923	3,514	4,224
CHEMICALS + ALLIED PRODUCTS	654	698	816	955
LUMBER + FURNITURE	1,570	1,669	1,783	1,905
MACHINERY, ALL	49,471	55,151	70,976	91,292
MACHINERY, EXCL. ELECTRICAL	D	D	D	D
ELECTRICAL EQUIPMENT + SUPPLIES	D	D	D	D
TRANSPORTATION EQUIPMENT	209	224	261	302
TRANSPORTATION EQUIPMENT, EXCL.	D	D	D	D
OTHER MANUFACTURING	5,387	6,315	8,031	10,220
PAPER + ALLIED PRODUCTS	377	435	597	820
PRIMARY METALS	D	D	D	D
FABRICATED METALS + ORDNANCE	2,091	2,516	3,265	4,237
MISCELLANEOUS MANUFACTURING	814	921	1,134	1,396
STONE, CLAY AND GLASS	512	565	670	794
OTHER MISC. MANUFACTURING	302	356	464	602
TRANSPORTATION, COMM., + PUBLUTIL.	11,553	13,912	17,841	22,884
TRANSPORTATION	D	D	D	D
RAILROAD TRANSPORTATION	D	D	D	D
TRUCKING + WAREHOUSING	2,339	2,864	3,705	4,793
OTHER TRANSPORTATION SERVICES	D	D	D	D
LOCAL AND SUBURBAN TRANSP.	1,895	2,179	2,737	3,439
WATER TRANSPORTATION	863	996	1,260	1,594
AIR TRANSPORTATION	387	472	642	873
MISC. OTHER TRANSP. SERVICES	D	D	D	D
COMMUNICATIONS	4,336	5,404	6,929	8,883
UTILITIES (ELEC., GAS, SANITARY)	D	D	D	D
WHOLESALE + RETAIL TRADE	32,065	36,780	47,210	60,599
FINANCE, INSURANCE AND REAL ESTATE	9,194	11,139	14,671	19,324
SERVICES	35,960	45,189	60,710	81,563
TOTAL GOVERNMENT	23,968	29,227	40,151	55,362
CIVILIAN GOVERNMENT	22,270	27,500	38,282	53,340
FEDERAL GOVERNMENT	4,394	5,347	6,990	9,138
STATE AND LOCAL GOVERNMENT	17,876	22,153	31,292	44,202
ARMED FORCES	1,698	1,727	1,869	2,022

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REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 2

POPULATION, PERSONAL INCOME AND EARNINGS, 1967-1980

I T E M	1967	1970	1975	1980
POPULATION	95,255	98,527	110,977	125,000
TOTAL PERSONAL INCOME	239,567	280,857	372,719	494,625
TOTAL EARNINGS	199,408	232,550	301,179	391,302
PER CAPITA PERSONAL INCOME ($58)	2,515	2,851	3,359	3,957
PER CAPITA INCOME RELATIVE (U.S. = 1.00)	.91	.93	.94	.95
POPULATION, INCOME AND EARNINGS BY INDUSTRY RELATIVE TO 1967 (1967 = 100.0)				
POPULATION		103.4	116.5	131.2
TOTAL PERSONAL INCOME		117.2	155.6	206.5
TOTAL EARNINGS		116.6	151.0	196.2
AGRICULTURE,FORESTRY + FISHERIES		103.0	102.6	102.1
MINING		126.0	178.7	252.7
MINING EXCL. FUELS		126.0	178.7	252.7
NONMETALLIC		126.0	178.7	252.7
CONTRACT CONSTRUCTION		113.5	142.3	178.6
MANUFACTURING		110.9	140.4	178.1
FOOD + KINDRED PRODUCTS		104.6	122.6	143.8
APPAREL + OTHER TEXTILES		96.7	101.6	106.8
PRINTING + PUBLISHING		106.2	127.6	153.4
CHEMICALS + ALLIED PRODUCTS		106.7	124.8	146.0
LUMBER + FURNITURE		106.3	113.6	121.3
MACHINERY, ALL		111.5	143.4	184.5
MACHINERY,EXCL. ELECTRICAL		126.8	184.9	269.5
ELECTRICAL EQUIPMENT + SUPPLIES		110.8	141.6	180.9
TRANSPORTATION EQUIPMENT		107.2	124.9	144.5
TRANSPORTATION EQUIPMENT,EXCL.		107.2	124.4	144.5
OTHER MANUFACTURING		117.2	149.1	189.7
PAPER + ALLIED PRODUCTS		115.4	158.4	217.5
PRIMARY METALS		116.1	144.1	179.0
FABRICATED METALS + ORDNANCE		120.3	156.1	202.6
MISCELLANEOUS MANUFACTURING		113.1	139.3	171.5
STONE, CLAY AND GLASS		110.4	130.9	155.1
OTHER MISC. MANUFACTURING		117.9	153.6	199.3
TRANSPORTATION,COMM.,+PUBLUTIL.		120.4	154.4	198.1
TRANSPORTATION		117.8	150.4	192.2
RAILROAD TRANSPORTATION		91.8	101.6	112.5
TRUCKING + WAREHOUSING		122.4	158.4	204.9
OTHER TRANSPORTATION SERVICES		115.9	147.4	187.5
LOCAL AND SUBURBAN TRANSP.		115.0	144.4	181.5
WATER TRANSPORTATION		115.4	146.0	184.7
AIR TRANSPORTATION		122.0	165.9	225.6
MISC. OTHER TRANSP. SERVICES		109.4	137.5	156.3
COMMUNICATIONS		124.6	159.8	204.9
UTILITIES (ELEC.,GAS,SANITARY)		118.2	154.1	200.7
WHOLESALE + RETAIL TRADE		114.7	147.2	189.0
FINANCE,INSURANCE AND REAL ESTATE		121.2	159.6	210.2
SERVICES		125.7	168.8	226.8
TOTAL GOVERNMENT		121.9	167.5	231.0
CIVILIAN GOVERNMENT		123.5	171.9	239.5
FEDERAL GOVERNMENT		121.7	159.1	208.0
STATE AND LOCAL GOVERNMENT		123.9	175.1	247.3
ARMED FORCES		101.7	110.1	119.1

REGIONAL INFORMATION SYSTEM
REGIONAL ECONOMICS DIVISION
U.S. DEPT. OF COMMERCE

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, AGRICULTURE (SIC 01, 02, 07)

(1967 = 100.0)

Region	1970	1975	1980
1. Washington, D.C.	101.3	100.6	99.6
2. New York, New York	86.4	91.6	97.0
3. Chicago, Illinois	97.9	93.1	87.8
4. Philadelphia, Pennsylvania	93.9	97.7	100.6
5. Denver, Colorado	99.9	97.8	95.0
6. Los Angeles, California	102.2	103.2	103.9
7. St. Louis, Missouri	156.1	157.7	158.5
8. Boston, Massachusetts	111.2	109.8	108.7
9. Cincinnati, Ohio	104.1	107.2	109.4
10. San Francisco, California	109.5	109.4	109.4
11. Cleveland, Ohio	103.4	106.5	109.2
12. Pittsburgh, Pennsylvania	104.0	108.2	111.6
13. Buffalo, New York	82.9	85.4	86.8
14. Kansas City, Missouri	96.1	98.0	99.1
15. Detroit, Michigan	104.2	108.4	111.6
16. Baltimore, Maryland	98.1	93.6	88.3
17. Hartford, Connecticut	99.2	96.0	92.3
18. Indianapolis, Indiana	99.7	99.2	98.2
19. Minneapolis-St. Paul, Minn.	98.9	106.8	115.1
20. Milwaukee, Wisconsin	89.4	87.9	86.2
21. Providence, Rhode Island	108.1	103.2	97.4
22. Seattle-Tacoma, Washington	104.0	108.2	111.4
23. Louisville, Kentucky	98.9	95.4	90.9
24. Dayton, Ohio	101.1	100.6	99.6
25-A Phoenix, Arizona	102.4	103.4	104.6
25-B Tucson, Arizona	233.7	232.4	230.1
26. Houston, Texas	112.6	114.9	116.3
27. Dallas-Ft. Worth, Texas	130.4	133.0	135.0
28. San Antonio, Texas	104.2	108.4	112.2
29. Birmingham, Alabama	105.3	110.6	115.6
30. Toledo, Ohio	98.6	96.0	92.3
31. Steubenville, Ohio	98.1	93.6	88.3
32. Chattanooga, Tennessee	118.1	113.2	107.8
33. Atlanta, Georgia	111.3	105.9	100.9
34. Memphis, Tennessee	94.4	93.9	93.0
35. Portland, Oregon	104.9	110.1	115.0
36. Salt Lake City, Utah	103.7	106.8	110.4
37. New Orleans, Louisiana	99.3	96.8	93.1
38. Miami, Florida	107.4	116.0	124.2
39. Oklahoma City, Oklahoma	101.9	102.4	102.9
40. Omaha, Nebraska	102.2	103.2	103.9
41. Honolulu, Hawaii	99.4	96.6	92.9
42. Beaumont-Port Arthur, Texas	130.5	124.7	118.8
43. Charlotte, North Carolina	102.1	102.5	103.0
44. Portland, Maine	137.7	127.0	117.6
45. Albuquerque, N. Mexico	105.3	108.5	110.8
46. Lawrence-Lowell-Manchester	105.5	95.7	87.8
47. El Paso, Texas	83.0	81.8	81.0
48. Las Vegas, Nevada	101.0	102.0	102.9
49. Fargo-Moorhead	107.0	114.5	122.9
50. Boise, Idaho	99.3	95.8	92.1
51. Billings, Montana	119.6	119.3	119.0
52. Sioux Falls, Iowa	95.2	107.6	120.5
53. Cheyenne, Wyoming	103.1	106.2	108.0
54. Anchorage, Alaska	118.6	118.7	118.8
55. Burlington, Vermont	101.0	100.4	99.4

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, COAL MINING (SIC 11 and 12)

(1967 = 100.0)

Region	1970	1975	1980
1. Washington, D.C.	--	--	--
2. New York, New York	--	--	--
3. Chicago, Illinois	93.8	104.1	115.3
4. Philadelphia, Pennsylvania	95.0	101.6	109.0
5. Denver Colorado	--	--	--
6. Los Angeles California	--	--	--
7. St. Louis, Missouri	103.4	118.9	137.5
8. Boston, Massachusetts	--	--	--
9. Cincinnati, Ohio	109.2	128.9	150.6
10. San Francisco, California	--	--	--
11. Cleveland, Ohio	110.1	132.1	159.4
12. Pittsburgh, Pennsylvania	100.4	114.5	130.5
13. Buffalo, New York	--	--	--
14. Kansas City, Missouri	102.5	118.9	138.8
15. Detroit, Michigan	--	--	--
16. Baltimore, Maryland	--	--	--
17. Hartford, Connecticut	--	--	--
18. Indianapolis, Indiana	--	--	--
19. Minneapolis-St. Paul, Minn.	--	--	--
20. Milwaukee, Wisconsin	--	--	--
21. Providence, Rhode Island	--	--	--
22. Seattle-Tacoma, Washington	--	--	--
23. Louisville, Kentucky	--	--	--
24. Dayton, Ohio	--	--	--
25-A Phoenix, Arizona	--	--	--
25-B Tucson, Arizona	--	--	--
26. Houston, Texas	--	--	--
27. Dallas-Ft. Worth, Texas	--	--	--
28. San Antonio, Texas	--	--	--
29. Birmingham, Alabama	101.3	116.5	134.6
30. Toledo, Ohio	--	--	--
31. Stuebenville, Ohio	105.3	125.3	149.7
32. Chattanooga, Tennessee	100.9	110.0	119.3
33. Atlanta, Georgia	--	--	--
34. Memphis, Tennessee	--	--	--
35. Portland, Oregon	133.3	153.3	175.8
36. Salt Lake City, Utah	90.1	94.6	98.4
37. New Orleans, Louisiana	--	--	--
38. Miami, Florida	95.8	109.2	125.0
39. Oklahoma City, Oklahoma	--	--	--
40. Omaha, Nebraska	--	--	--
41. Honolulu, Hawaii	--	--	--
42. Beaumont-Port Arthur, Texas	--	--	--
43. Charlotte, North Carolina	--	--	--
44. Portland, Maine	--	--	--
45. Albuquerque, New Mexico	--	--	--
46. Lawrence, Lowell, Manchester	--	--	--
47. El Paso, Texas	--	--	--
48. Las Vegas, Nevada	--	--	--
49. Fargo-Moorhead	--	--	--
50. Boise, Idaho	--	--	--
51. Billings, Montana	--	--	--
52. Sioux Falls, Iowa	--	--	--
53. Cheyenne, Wyoming	--	--	--
54. Anchorage, Alaska	89.9	98.9	109.3
55. Burlington, Vermont	--	--	--

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, METALLIC MINING (SIC - 10)

(1967 = 100.0)

Region	1970	1975	1980
1. Washington, D. C.	--	--	--
2. New York, New York	111.6	120.5	129.7
3. Chicago, Illinois	--	--	--
4. Philadelphia, Pennsylvania	--	--	--
5. Denver, Colorado	119.1	129.8	141.6
6. Los Angeles, California	128.9	149.5	175.9
7. St. Louis, Missouri	114.2	130.2	148.2
8. Boston, Massachusetts	--	--	--
9. Cincinnati, Ohio	136.4	162.3	192.1
10. San Francisco, California	137.3	162.0	192.8
11. Cleveland, Ohio	--	--	--
12. Pittsburgh, Pennsylvania	--	--	--
13. Buffalo, New York	--	--	--
14. Kansas City, Missouri	111.4	127.0	143.2
15. Detroit, Michigan	--	--	--
16. Baltimore, Maryland	--	--	--
17. Hartford, Connecticut	--	--	--
18. Indianapolis, Indiana	--	--	--
19. Minneapolis-St. Paul, Minn.	121.7	140.0	160.8
20. Milwaukee, Wisconsin	143.5	163.6	187.0
21. Providence, Rhode Island	--	--	--
22. Seattle-Tacoma, Washington	123.3	138.1	155.3
23. Louisville, Kentucky	--	--	--
24. Dayton, Ohio	--	--	--
25-A Phoenix, Arizona	--	--	--
25-B Tucson, Arizona	129.5	154.1	183.3
26. Houston, Texas	--	--	--
27. Dallas-Ft. Worth, Texas	110.4	118.1	127.4
28. San Antonio, Texas	--	--	--
29. Birmingham, Alabama	113.4	122.5	132.6
30. Toledo, Ohio	--	--	--
31. Steubenville, Ohio	--	--	--
32. Chattanooga, Tennessee	--	--	--
33. Atlanta, Georgia	125.4	144.2	166.1
34. Memphis, Tennessee	--	--	--
35. Portland, Oregon	129.5	143.7	161.4
36. Salt Lake City, Utah	124.3	141.7	162.9
37. New Orleans, Louisiana	--	--	--
38. Miami, Florida	--	--	--
39. Oklahoma City, Oklahoma	--	--	--
40. Omaha, Nebraska	--	--	--
41. Honolulu, Hawaii	--	--	--
42. Beaumont-Port Arthur, Texas	--	--	--
43. Charlotte, North Carolina	--	--	--
44. Portland, Maine	--	--	--
45. Albuquerque, New Mexico	128.5	159.3	197.7
46. Lawrence-Lowell-Manchester	--	--	--
47. El Paso, Texas	--	--	--
48. Las Vegas, Nevada	192.4	217.4	243.4
49. Fargo-Moorhead	--	--	--
50. Boise, Idaho	115.3	124.5	135.3
51. Billings, Montana	100.0	126.0	160.0
52. Sioux Falls, Iowa	--	--	--
53. Cheyenne, Wyoming	132.9	167.5	212.1
54. Anchorage, Alaska	120.0	139.2	163.1
55. Burlington, Vermont	--	--	--

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, PETROLEUM AND NATURAL GAS MINING (SIC 13)

(1967 = 100.0)

	Region	1970	1975	1980
1.	Washington, D. C.	152.5	190.6	236.4
2.	New York, New York	--	--	--
3.	Chicago, Illinois	97.2	106.9	116.6
4.	Philadelphia, Pennsylvania	123.6	152.0	187.0
5.	Denver, Colorado	112.3	133.6	157.9
6.	Los Angeles, California	104.7	119.4	135.3
7.	St. Louis, Missouri	117.5	150.4	193.0
8.	Boston, Massachusetts	--	--	--
9.	Cincinnati, Ohio	--	--	--
10.	San Francisco, California	122.6	150.8	186.3
11.	Cleveland, Ohio	119.1	140.5	166.5
12.	Pittsburgh, Pennsylvania	99.2	109.1	120.4
13.	Buffalo, New York	113.6	146.5	189.6
14.	Kansas City, Missouri	101.2	110.3	120.7
15.	Detroit, Michigan	113.1	133.5	158.7
16.	Baltimore, Maryland	--	--	--
17.	Hartford, Connecticut	--	--	--
18.	Indianapolis, Indiana	120.8	148.6	180.6
19.	Minneapolis-St. Paul, Minn.	121.8	148.6	180.6
20.	Milwaukee, Wisconsin	--	--	--
21.	Providence, Rhode Island	--	--	--
22.	Seattle-Tacoma, Washington	--	--	--
23.	Louisville, Kentucky	102.3	108.4	115.3
24.	Dayton, Ohio	--	--	--
25-A	Phoenix, Arizona	110.3	124.6	141.7
25-B	Tucson, Arizona	104.8	130.0	161.2
26.	Houston, Texas	105.1	121.9	140.5
27.	Dallas-Ft. Worth, Texas	102.5	114.8	128.8
28.	San Antonio, Texas	105.4	119.1	134.5
29.	Birmingham, Alabama	--	--	--
30.	Toledo, Ohio	110.8	128.5	150.8
31.	Steubenville, Ohio	102.9	118.3	137.3
32.	Chattanooga, Tennessee	--	--	--
33.	Atlanta, Georgia	--	--	--
34.	Memphis, Tennessee	--	--	--
35.	Portland, Oregon	--	--	--
36.	Salt Lake City, Utah	103.7	112.0	121.5
37.	New Orleans, Louisiana	117.9	146.2	181.0
38.	Miami, Florida	122.8	151.0	185.6
39.	Oklahoma City, Oklahoma	112.1	135.6	164.9
40.	Omaha, Nebraska	--	--	--
41.	Honolulu, Hawaii	--	--	--
42.	Beaumont-Port Arthur, Texas	140.5	165.8	196.4
43.	Charlotte, North Carolina	--	--	--
44.	Portland, Maine	--	--	--
45.	Albuquerque, New Mexico	114.5	136.3	162.5
46.	Lawrence-Lowell-Manchester	--	--	--
47.	El Paso, Texas	112.1	132.3	157.0
48.	Las Vegas, Nevada	92.0	107.6	126.0
49.	Fargo-Moorhead	--	--	--
50.	Boise, Idaho	--	--	--
51.	Billings, Montana	127.7	172.4	233.1
52.	Sioux Falls, Iowa	--	--	--
53.	Cheyenne, Wyoming	108.4	117.1	126.5
54.	Anchorage, Alaska	106.5	117.2	129.8
55.	Burlington, Vermont	--	--	--

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, PETROLEUM REFINING (SIC - 29)

(1967 = 100.0)

	Region	1970	1975	1980
1.	Washington, D. C.	145.4	200.7	274.1
2.	New York, New York	129.8	150.6	176.2
3.	Chicago, Illinois	131.6	156.6	187.3
4.	Philadelphia, Pennsylvania	132.8	159.4	192.9
5.	Denver, Colorado	139.6	180.1	233.2
6.	Los Angeles, California	135.1	166.2	206.1
7.	St. Louis, Missouri	129.5	150.2	173.8
8.	Boston, Massachusetts	128.7	148.0	169.6
9.	Cincinnati, Ohio	137.5	173.2	219.9
10.	San Francisco, California	136.4	170.5	213.6
11.	Cleveland, Ohio	136.5	170.6	214.4
12.	Pittsburgh, Pennsylvania	134.5	165.4	202.7
13.	Buffalo, New York	128.3	146.3	168.2
14.	Kansas City, Missouri	132.8	159.4	192.7
15.	Detroit, Michigan	136.5	170.6	213.2
16.	Baltimore, Maryland	128.6	147.9	169.4
17.	Hartford, Connecticut	134.9	165.9	205.6
18.	Indianapolis, Indiana	141.2	185.0	242.2
19.	Minneapolis-St. Paul, Minn.	143.6	191.0	255.7
20.	Milwaukee, Wisconsin	129.4	150.1	175.9
21.	Providence, Rhode Island	138.8	176.3	223.5
22.	Seattle-Tacoma, Washington	137.7	173.5	218.6
23.	Louisville, Kentucky	134.9	164.6	201.6
24.	Dayton, Ohio	127.7	144.3	163.7
25-A	Phoenix, Arizona	135.1	166.2	204.0
25-B	Tucson, Arizona	--	--	--
26.	Houston, Texas	132.2	157.3	189.7
27.	Dallas-Ft. Worth, Texas	140.2	180.9	235.9
28.	San Antonio, Texas	138.9	176.4	223.3
29.	Birmingham, Alabama	130.0	153.4	179.7
30.	Toledo, Ohio	137.3	173.0	218.9
31.	Steubenville, Ohio	144.8	195.5	264.1
32.	Chattanooga, Tennessee	141.3	185.1	244.8
33.	Atlanta, Georgia	153.5	214.9	304.4
34.	Memphis, Tennessee	142.5	189.5	251.2
35.	Portland, Oregon	142.9	190.1	251.7
36.	Salt Lake City, Utah	133.5	161.5	196.5
37.	New Orleans, Louisiana	137.5	173.2	219.7
38.	Miami, Florida	133.9	163.4	199.5
39.	Oklahoma City, Oklahoma	146.5	202.2	276.8
40.	Omaha, Nebraska	134.4	165.3	203.6
41.	Honolulu, Hawaii	143.5	192.3	259.8
42.	Beaumont-Port Arthur, Texas	134.7	165.7	203.9
43.	Charlotte, North Carolina	147.8	206.9	288.7
44.	Portland, Maine	155.7	204.0	267.7
45.	Albuquerque, New Mexico	140.8	181.6	234.0
46.	Lawrence-Lowell-Manchester	--	--	--
47.	El Paso, Texas	139.9	180.5	234.0
48.	Las Vegas, Nevada	162.5	195.0	237.5
49.	Fargo-Moorhead	131.2	160.1	197.4
50.	Boise, Idaho	--	--	--
51.	Billings, Montana	133.7	163.1	197.8
52.	Sioux Falls, Iowa	--	--	--
53.	Cheyenne, Wyoming	130.4	152.6	179.0
54.	Anchorage, Alaska	140.8	177.4	223.7
55.	Burlington, Vermont	--	--	--

TABLE 3

ALTERNATIVE MEASURE OF OUTPUT FOR AIR QUALITY CONTROL REGIONS, RAILROADS (SIC - 40)

(1967 = 100.0)

	Region	1970	1975	1980
1.	Washington, D. C.	101.0	125.2	155.1
2.	New York, New York	95.6	112.8	134.0
3.	Chicago, Illinois	97.5	115.0	136.1
4.	Philadelphia, Pennsylvania	96.7	114.1	134.7
5.	Denver, Colorado	98.5	118.2	141.5
6.	Los Angeles, California	100.1	126.1	159.6
7.	St. Louis, Missouri	97.2	110.8	127.0
8.	Boston, Massachusetts	98.7	120.4	146.1
9.	Cincinnati, Ohio	98.4	117.1	140.0
10.	San Francisco, California	98.6	120.3	145.8
11.	Cleveland, Ohio	94.6	107.8	124.3
12.	Pittsburgh, Pennsylvania	100.6	118.7	139.7
13.	Buffalo, New York	96.1	110.5	128.1
14.	Kansas City, Missouri	97.9	116.5	137.9
15.	Detroit, Michigan	100.6	119.7	141.8
16.	Baltimore, Maryland	102.4	120.8	142.6
17.	Hartford, Connecticut	95.5	115.6	140.0
18.	Indianapolis, Indiana	97.6	115.2	134.4
19.	Minneapolis-St. Paul, Minn.	98.4	117.1	140.7
20.	Milwaukee, Wisconsin	97.8	115.4	135.2
21.	Providence, Rhode Island	103.2	133.1	172.2
22.	Seattle-Tacoma, Washington	95.9	114.1	136.2
23.	Louisville, Kentucky	99.7	121.6	147.9
24.	Dayton, Ohio	98.7	123.4	154.3
25-A	Phoenix, Arizona	95.2	110.4	128.6
25-B	Tucson, Arizona	100.3	122.4	150.5
26.	Houston, Texas	99.0	117.8	140.4
27.	Dallas-Ft. Worth, Texas	98.5	121.2	149.2
28.	San Antonio, Texas	104.5	124.4	148.9
29.	Birmingham, Alabama	96.1	110.5	128.2
30.	Toledo, Ohio	97.9	116.5	139.8
31.	Steubenville, Ohio	101.1	120.3	142.1
32.	Chattanooga, Tennessee	98.2	116.9	138.6
33.	Atlanta, Georgia	98.8	120.5	146.9
34.	Memphis, Tennessee	99.8	121.8	148.8
35.	Portland, Oregon	98.7	118.4	142.5
36.	Salt Lake City, Utah	100.8	124.0	154.2
37.	New Orleans, Louisiana	93.5	108.5	125.7
38.	Miami, Florida	100.8	127.0	161.4
39.	Oklahoma City, Oklahoma	101.0	123.2	149.7
40.	Omaha, Nebraska	100.5	123.6	152.1
41.	Honolulu, Hawaii	--	--	--
42.	Beaumont-Port Arthur, Texas	105.1	124.0	144.9
43.	Charlotte, North Carolina	93.9	108.9	127.2
44.	Portland, Maine	108.3	147.3	199.1
45.	Albuquerque, New Mexico	100.2	123.2	151.6
46.	Lawrence-Lowell-Manchester	99.6	122.5	152.2
47.	El Paso, Texas	99.4	121.3	147.4
48.	Las Vegas, Nevada	91.7	113.7	141.2
49.	Fargo-Moorhead	100.9	125.1	155.7
50.	Boise, Idaho	93.5	102.8	113.5
51.	Billings, Montana	100.1	122.1	149.6
52.	Sioux Falls, Iowa	89.1	97.1	106.9
53.	Cheyenne, Wyoming	96.4	110.9	128.6
54.	Anchorage, Alaska	96.5	116.8	141.9
55.	Burlington, Vermont	97.5	116.0	137.5

SECTION II - HOW THE PROJECTIONS WERE MADE

Summary

The projection procedure used here calls first for projections of summary national totals, which are then disaggregated into national industry components. The national industry components, in turn, are disaggregated to the AQCR's.

Conceivably, the economy of each AQCR could have been projected independently. However, the alternate course of first making national projections as a guide or control on the AQCR projections is followed in this report for several reasons.

National trends as well as national inter-industry relationships are generally more stable and measurable, and hence, projected more reliably than are those of smaller areas. This is another way of saying that national measurements can be made more accurately than can regional ones. It is well to utilize the more accurate available data and stable relationships first as this places them in control positions.

The same reasoning applies within the set of national projections. Conceivably, each industry could have been projected separately and all summed to the national aggregates of employment, output, income, and earnings. Instead, a set of aggregate measures was first developed. These were then disaggregated into national totals for the individual industries.

An Overview of the Projection Procedure

Following is a brief summary of the projection procedure. This is followed by a more detailed description of sources of data and methods of estimation and projection.

The initial step in preparing economic projections for the AQCR's was to project the GNP to 1970, 1975 and 1980. GNP was projected as the product of projected annual employment, man-hours worked per year, and product per man hour.

National employment totals were derived from the Census Bureau's published projections of the population by applying to them estimated labor force participation ratios and unemployment rates derived from analyses of past trends in these variables. Hours worked per year and product per man hour were also projected on the basis of analyses of the trends in these two variables since 1948.

Total GNP was disaggregated into the gross product originating (GPO) in each of 37 industries on a national basis. This disaggregation represented an extension of trends in the industrial composition of the economy over the past two decades. National totals of aggregate personal income and earnings of persons engaged in each industry, and employment by industry were derived from the GNP and GPO projections on the basis of past relationships and from separate analyses of the industrial composition of earnings and employment.

The shares of earnings and employment in each basic industry (industries the production of which is exported to other areas) received by residents of each of the 173 economic areas of the Nation were calculated for 8 selected years from 1929 to 1967. Changes in the shares accruing to each region were analyzed industry-by-industry. Mathematical extensions of these trends were calculated and then modified in accordance with the finding of special industry analyses and in light of natural resource availability. Projected shares of earnings and employment in 1970, 1975 and 1980 in each region were applied to the national totals in the appropriate industry to obtain projected earnings in dollar terms and employment in numbers of persons.

Earnings and employment in nonbasic or residentiary industries (industries which serve local businesses and population) were then allocated to the 173 regions in accordance with projections of the trend in past relationships of basic and residentiary industries.

The other income shares were allocated to the regions in accordance with past trends. Population was projected on the basis of projected employment and income.

Finally, the portion of the various employment and income components accruing to AQCR's were broken out of the projections for economic areas in accordance with trends measured from 1929 to 1967.

Throughout the projection procedure special attention was paid to obtaining the proper interindustry relations at the national, regional, and AQCR levels and to insuring that the geographic measures all fitted within the projected national economy.

Projection of National Summary Aggregates

The gross national product[6] is a key variable in any projection of interrelated demographic and economic factors. The gross national product and derivative aggregates provide a set of controls to which industrial projections can be related. The national industry totals, in turn, provide a control-total framework within which regional relationships are logically established. The private and government components of gross national product have been projected separately.

Private Gross National Product

Private gross national product is derived as the product of six basic measures. These are:

(1) Population of working age

(2) Civilian labor force

(3) Civilian employment

(4) Private employment

(5) Hours worked per year per man in the private economy

(6) Product per man hour in the private economy.

The projections were made following the definitions and conventions of national income accounting practice in the Office of Business Economics of the Department of Commerce. All aggregate national projections of dollar volumes are shown in 1958 dollars.

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[6] See footnote 4 for definition.

Total population. The population of the United States (including armed forces abroad) increased from 152,271,000 in 1950 to 201,152,000 in 1968 -- an average annual compound rate of 1.6 percent. The projection calls for a rise to 235,210,000 in 1980 -- a growth rate of 1.3 percent for the 12-year period. This projection is the "C" series of the Census Bureau published in Current Population Reports, Series P-25, No. 381, December 18, 1967.

Population of working age. The population 14 years old and over (the working age population) increased from 113,438,000 in 1950 to 145,405,000 in 1968, an average annual compound growth rate of 1.4 percent. The projection (taken directly from the Census report already noted) calls for a rise in this population group to 174,234,000 in the year 1980, an average growth rate of 1.5 percent.

Total labor force (including armed forces) The total labor force increased from 64,749,000 in 1950 to 83,687,000 in 1968, an average growth rate of 1.4 percent. The projection calls for a rise in the total labor force to 101,753,000 in the year 1980, a growth rate of 1.6 percent.

The total labor force is derived from the population 14 years old and over. Its size depends upon the propensity of this population of working age to seek employment. For present computations this is defined as the "total labor force participation rate." On the basis of analyses of postwar trends, it is expected to rise from 57.6 percent in 1968 to 58.4 percent in 1980.

Civilian labor force. The civilian labor force increased from 63,099,000 in 1950 to 80,152,000 in 1968, an average annual compound growth rate of 1.3 percent. The projection calls for a rise in the civilian labor force to 98,753,000 in the year 1980, an annual average compound growth rate of over 1.7 percent.

The difference between the labor force and the civilian labor force is the strength of the armed forces which has shown the following pattern in recent years:

Year	Strength
1950	1,650,000
1955	3,049,000
1960	2,514,000
1965	2,723,000
1966	3,123,000
1967	3,446,000
1968	3,535,000

The projected level of the armed forces calls for 3,300,000 in 1970 and 3,000,000 for 1980.

Civilian employment. Civilian employment increased from 59,746,000 in 1950 to 77,210,000 in 1968, an average growth rate of 1.4 percent. The projection calls for a rise in civilian employment to 94,803,000 in the year 1980, a 1968-1980 growth rate of 1.7 percent.

Civilian employment is derived from the civilian labor force. Its size depends upon the success of civilian labor force participants in finding employment. In 1968, civilian employment amounted to 96.3 percent of the civilian labor force. The central assumption here calls for a slight decline in employment rates from the 1968 level. The key premise here is that fiscal, monetary, and labor market devices will maintain over the long run an average employment rate of 96 percent, or a 4-percent rate of unemployment.

Private employment. The postwar increase in private employment was from 53,954,000 in 1950 to 65,583,000 in 1968, an average annual growth rate of 1.1 percent. The projection calls for a rise in private employment to 79,289,000 in the year 1980, a growth rate of 1.6 percent.

The components of total civilian employment, historical and projected, are summarized as follows:

CIVILIAN EMPLOYMENT

(Thousands)

Year	Total	Private	Government		
			Total	Federal	State-local
1950	59,746	53,954	5,792	1,879	3,913
1960	66,681	58,738	7,943	2,207	5,736
1967	75,608	64,425	11,183	2,721	8,425
1968	77,210	65,583	11,627	2,838	8,789
1975	87,944	74,036	13,908	3,170	10,738
1980	94,803	79,289	15,514	3,370	12,144
Growth Rates					
1950-68	1.4	1.1	3.9	2.3	4.6
1968-80	1.7	1.6	2.4	1.4	2.7

Hours worked per year per man. Hours worked per year per man were developed from historical estimates of total private employment and total private man hours prepared by the Bureau of Labor Statistics, U. S. Department of Labor.

The average annual number of hours worked per man in the private economy in 1950 was 2,127. By 1968, this had declined to 1,977, a reduction of about 0.4 percent per year. At the same time, hours of work per week had declined from 41.7 in 1950 to 40.1 in 1968. The implicit average number of weeks worked had declined from 51.0 to 49.3.

The projection calls for hours worked per year to fall to 1,918 in the year 1980. This represents a decline of 0.25 percent per year for the period 1968 to 1980. This rate is significantly lower than that for the period 1950 to 1968 noted above, but the reduction is based on the premise that the "easy" reductions in hours per week have already been made. Also, it is assumed that future reduction in hours will involve a reduction in weeks worked as well as in hours per week.

Total annual man hours worked per year in the private economy are equal to private employment multiplied by the annual average hours per worker. The aggregate total in the private economy increased from 115 billion in 1950, to 130 billion in 1968, a rate of 0.7 percent. The rise to 152 billion in 1980 represents a growth rate of 1.3 percent over the 12-year period. This higher rate reflects the more rapid growth rate anticipated in private employment tempered by a reduction in hours per year.

Gross product per man per hour. Estimates of real product per man hour in the private economy for recent years are implicit in the relationship between measured man hours and measured real product.

Real product per man hour in 1958 dollars was $2.78 in 1950. By 1968, it had risen to $4.93. This represents an annual growth rate of 3.2 percent. In the year 1980, we project real product per man hour in 1958 dollars at $7.03, a growth rate of 3.0 percent between 1968 and 1980.

Aggregate private gross national product. Multiplication of total private man hours per year by gross product per man hour in the private sector yields estimated private gross national product. This aggregate increased from 319.4 billions of 1958 dollars in 1950, to 639.0 billions in 1968, an annual growth rate of 3.9 percent. In the projection, private gross product is expected to rise to $1,069 billions in 1980. This represents a growth rate of 4.4 percent for the period 1968 to 1980. The increased growth rate in gross product is traceable to an assumed rise in employment growth due to increased population and to changes in the age distribution of the population. The latter rise, in turn, is the result of a series of antecedent assumptions already noted. It may be noted that an extension of the analysis contained herein would yield a growth rate closer to 4 percent for longer time periods.

Government Gross Product

The gross product projections for the government sector assume that product per worker remains constant over time. This follows the convention used by the United States Department of Commerce in its income and product measurement. It reflects the fact that it is not feasible to measure government output, because it is not sold to its users and hence, has no established market value as has the output of the private sector. Accordingly, government gross product is measured and projected as the product of the number of government employees at the respective time intervals and their average compensation in 1958. The computations are carried out separately for civilian government and for military personnel.

From government gross product there is deducted an estimate of the gross product (number of employees times average compensation in 1958) producted by government employees stationed temporarily out of the United States.

The resulting government gross product when combined with private gross product yields a total GNP projection that excludes that portion of the total received by Federal employees stationed temporarily abroad.

Personal Income

When GNP is deflated, it measures constant dollar production, and hence, total gross product in constant dollars becomes an index of changes in total physical production.

In contrast to GNP, personal income measures the current income received by persons. It is not an indicator of the quantity of physical production. Personal income is deflated in terms of changes in the purchasing power of money when expended on items of personal consumption. Since money paid to employees in one industry has the same purchasing power as money paid in another industry, all components of personal income are deflated by the same purchasing power index -- that developed for personal consumption expenditures.

Thus, in some industries the trend of physical production and real purchasing power can diverge. An illustration occurs in the case of government workers. In accounting for real output of government, no productivity rise is recognized in conventional income and product accounting practice because, as previously noted, government output is not sold in the market place nor is there a related service which could be used to determine the market value. But, government wages and salaries in money terms do rise and they are deflated for real personal income purposes as are wages and salaries in any other industry.

In order to derive projected personal income from the projections of GNP already described, the ratio between historical constant dollar personal income and constant dollar GNP was projected. This projection was then applied to the projected constant dollar GNP to obtain the projected constant dollar personal income. In a similar fashion a projection of constant dollar earnings was made by linkage to projected constant dollar personal income.

A tabulation of constant dollar historical and projected GNP, Personal Income and Earnings follows. This table places the aggregate control projections in perspective both temporally and in relation to each other.

Gross National Product, Personal Income and Earnings*
(Millions of 1958 dollars)

Year	Gross National Product	Personal Income	Earnings
1950	353,935	272,876	225,104
1960	485,332	387,489	317,575
1967	670,892	546,890	440,239
1968	703,571	576,477	462,600
1975	946,024	780,000	628,430
1980	1,150,872	975,373	770,545
Growth Rates			
1950-68	3.9 percent	4.2 percent	4.1 percent
1968-80	4.2 percent	4.5 percent	4.3 percent

* All data are adjusted downward to allow for government employees stationed overseas.

Industrial Distribution of Income and Product

In order to examine projected industrial distributions of the control totals free of differing deflators both gross product and earnings were examined in current dollar terms. Trends in the current dollar industrial structure of gross product and of earnings were examined along with employment for the period 1948-1968.

Percentage distributions of the industrial distribution of GNP, earnings, and employment were calculated for selected years, 1948-68. Determination of the 1970, 1975 and 1980 values involved examination of historical trends in percent shares, absolute values, ratios (earnings per workers, gross product per worker and earnings as a percent of gross product) and ratio relatives (each of the ratios just mentioned divided by the corresponding ratio for all industries combined).

Several guide posts were available in establishing the projected distributions. First, it was decided that industrial percent shares in the three series in projected years should relate as a plausible continuation of the historical percent shares. Secondly, it was assumed that while earnings per worker and gross product per worker would rise, the rate of the rise must be plausible in the light of the historical trend in these relations. Furthermore, unless countervailing trends were evident, it was expected that the forces of long-run competition would prevent earnings per worker relatives from moving away from unity. Thirdly, since the monetary units used were current dollars, it was known that earnings could never equal 100 percent of gross product in any given industry at any time under the assumed condition of full employment. Fourthly, the projected ratio relatives were expected to represent a plausible continuation of the historical ratio relatives in each industry.

Finally, the percentage distributions established for 1970, 1975 and 1980 were applied to employment and to the current dollar controls for earnings and gross product. This step provided a table linking historical and projected years for each industry group in each of the three series. Thus, a final examination could be made and adjustments in absolute values, percentage shares, ratios and ratio relatives accomplished. As indicated, this excursion into examination of employment together with current dollar earnings and current dollar gross product was to get a better view of relationships free of the influence of different deflators -- namely the personal consumption expenditure (PCE) deflator and the gross product originating (GPO) deflators.

When the relationships on a current-dollar basis had been completed, the industrial distributions of employment and of earnings were used to allocate the previously determined controls on employment and on constant dollar earnings. The constant dollar earnings control could be allocated by the current dollar industrial distribution because of the fact that the same deflator is assumed to link current and constant dollar earnings in each industry group.

However, use of the gross product deflators entails a different deflator linking current and constant dollar gross product in each industry group. Thus, constant dollar gross product by industry could not be obtained as a direct allocation of the previously established constant dollar control by the current dollar distribution.

Instead, it was necessary to project a GPO deflator for each industry. This was done initially by finding the deflator implicit for each industry in a comparison of the current dollar gross product projection and an independent constant dollar gross product projection which had previously been made through an iteration of comparisons between historically based trends in absolute values, percent shares, ratios, and ratio relatives. These implicit deflators were revised where required in the light of their historical trend. Once the projected deflators were accepted, each industry's current dollar projected gross product was divided by the corresponding projected industry deflator. The result was a tentative constant dollar gross product originating in each industry. The sum of these constant dollar values approximated but did not initially equal the constant dollar control. At this point the projected deflators were adjusted until the deflated series closely approached the previously established control. The constant dollar values were then used as an allocator on the control.

Employment on a Decennial Census Basis

The projections of employment derived as noted above were adjusted to an industrial grouping as close as possible to that used in the decennial census enumerations. This involved distribution of civilian government workers to several industries other than government in accordance with similarity of industrial pursuits as recognized in Census classifications. This adjustment was necessary since the only comprehensive employment series covering all local areas was that in the censuses of population. The resulting national totals of employment by industry were used to extend the industry figures in the

1960 Census of Population to 1970, 1975 and 1980. These provided the national totals of employment needed for the regional disaggregation.

Regional Projections

(Economic Areas)

The regional projections have been prepared by disaggregating the national totals described in the preceding section to economic areas of the country in accordance with the trends in their shares of the national economy. The most reliable regional projections can be made on the basis of economic areas where past economic relationships can be identified and measured. Accordingly, as a first step in the preparation of the regional projections the country was subdivided into economic areas.

Regional Classification

The purpose of the delineation of the country into economic areas was to define areas in which structural economic relationships could be best identified, measured and projected. Central place theory provided the conceptual basis for the delineation of the desired regions. The application of this theory resulted in city regions, each with its hinterland in which the establishments, both businesses and households, are functionally related. These regions constitute nodal-functional economic areas.

One of the main characteristics of these regions is that each combines the place of work and place of residence of its labor force. Therefore, there is a minimum of commuting across the economic area boundaries.

Each economic area has a group of basic or export industries which produce goods and services to export to other areas of the country and thus earn the exchange with which to purchase the specialized goods and services of the other regions.

The economic areas remain open for the most part to the movement of transportable commodities and to the movement of people to non-transportable special services such as education at large national universities and recreation at places like Miami and Las Vegas. The production location of these types of goods and services is determined not so much by transportation costs as it is by the costs associated with special resources. Different commodities are associated with production processes requiring different input relationships and the comparative advantage of an area for the production of a commodity is determined by the area's relative endowment of the factors of production. Of course, regional specialization has implications for regional economies of scale in the production of commodities thus further reinforcing regional comparative advantage and specialization.

In addition to the basic or export industries each area has another group of industries which produce most of the services and some of the goods required by the household sector and by local business as intermediate products. Each of the areas approach self-sufficiency in regard to these residentiary industries which include general and convenience retail and wholesale trade activities and those other services which are difficult or impossible to transport and are most efficiently consumed in the vicinity of their production.

Thus, the economic areas correspond to the closed trade areas of central place theory in which the number and type of residentiary establishments and their size and trade areas are bounded by the relative transportation costs from hinterland to competing centers.

Delineation procedures. The first step in the economic area delineation was the identification of the economic centers. Standard metropolitan statistical areas (SMSA's) which generally are trade and labor market centers were chosen where possible. However, not all SMSA's were considered to be the center of an economic area because some are integral parts of larger metropolitan complexes. For example, the Jersey City, Newark, Patterson-Clifton-Passaic, Stamford, Norwalk, and Bridgeport SMSA's are all part of the New York City complex. In rural parts of the country where there are no SMSA's, cities of 25,000 to 50,000 population are the economic centers.

After identifying the economic centers the next task was that of determining to which center each of the remaining counties was economically focused. Primarily the data used in this determination were the journey-to-work data from the 1960 Census of Population. Those data were summarized and posted on maps so as to show the gross commuting from each individual county to each adjacent county and to as many as 13 counties altogether if such commuting occurred. Counties were then associated with the economic centers in accordance with the commuting pattern.

In places where the commuting pattern of adjacent economic centers overlapped, counties were included in the economic area containing the center with which there was the greatest commuting connection. In the case of cities where the commuting pattern overlapped to a great degree, no attempt was made to separate the two cities; instead, both were included in the same economic area. Many counties were associated with an economic area not because of their commuting tie to the central city, but because of their association with other counties which were tied to the economic areas. Thus for the first ring of counties around the central county the criterion was commuting to the latter while for the next ring the criterion was commuting to the central county or to the first ring.

In the more rural parts of the country, the journey-to-work information was insufficient to establish boundaries of the economic areas. For these areas the road network and certain geographic features which would affect the time of travel to the economic centers,and the linkage of counties by other socio-economic ties such as communications, cultural, recreational and trade activities were the major determinants.

Because of the necessity of using counties as the building blocks a number of compromises had to be made in assigning counties when it was obvious that one portion of a county commuted in one direction while another portion commuted in a different direction. Such compromises do not damage delineation significantly, however, as separate areas were not delineated where the overlapping of commuting patterns was too great.

Regional Economic Measures

The measures of regional economic activity used in the projection program consist of population, total personal income by type of income, earnings by industry of origin, and employment by industry. As noted in the section on national projections, it is not possible to measure regional gross product.

Estimates of total personal income, earnings by industry, and the nonearnings components of personal income have been made by the Regional Economics Division of OBE for selected years from 1929 to 1967 for each SMSA and each non-SMSA county of the country. These estimates were aggregated to the economic areas. The employment data used came from the Census of Population with estimates for 1962, 1965 and 1966 having been made for each economic area by moving the census data forward from 1960 with data from County Business Patterns and several other sources.

Basic Industry Projections

Projections of basic or export-type industries were made, industry by industry, on the basis of analyses of the trend in the economic areas' shares of the national totals. This technique constitutes a variant of shift-share analysis. The trend in the historic share was projected into the future modified as called for by special industry-location analyses which revealed forces or circumstances that would change the trend indicated by past growth. This technique is based on the fact that regional comparative advantage or disadvantage for an industry is reflected in the trend of the changing contribution of that region to the U.S. total of that industry, and that the comparative advantage or disadvantage that underlies the change in the region's contribution will continue throughout the projected period unless forces or circumstances change it. The projection analysis seeks to identify such forces, mainly those relating to industrial location, and to take them into account in making the projections. The projected regional shares were then applied to the appropriate national total to determine the absolute values in the areas.

It should be noted that certain factors which determine a region's comparative advantage in an industry are affected by changes in national and regional policies and programs. For example, the national policy to support farm income and the various programs designed to do so illustrate this. Therefore, it is not implied that the course of events portrayed in the projections cannot be changed. It is implied, however, that some action is required to change that course if a change in trend is projected.

Earnings and employment for each of the basic industries were projected independently. The calculated earnings per worker for each area expressed as a percent of the national industry earnings per worker served as a means of discovering discrepancies in the two series. Where discrepancies occurred, the data were reviewed in the light of information from other sources and the two series were reconciled. In some instances, this reconciliation pointed clearly to a change in either the earnings or the employment component. Occasionally compromise was necessary and both components were adjusted to achieve the proper economic relationship.

Residentiary Industry Projections

Earnings and employment in residentiary industries were projected in accordance with basic-residentiary relationships derived from both cross-section (across economic areas) and time-trend analysis. The cross-sectionally estimated relationship between total earnings (or employment) and earnings (or employment) for each residentiary industry was adjusted to reflect the temporally changing national relationship and regional differences.

Earnings in each residentiary industry in an area were expressed as a function of (1) the national earnings in the industry expressed as a ratio of the total national earnings; (2) the regional location quotient, i.e., the ratio of the share of the industry in the region to the ratio of the share of the industry at the national level and (3) the total earnings in the export industries.[7] Functional relationships were developed for each residentiary industry in the

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[7]

$$Yir = \left[\frac{Yio}{Yoo} \cdot Lir \right] \cdot Yor$$

Yir = earnings in a residentiary industry in an economic area

Yor = earnings for the sum of all industries in an area

Yio = National earnings in the same industry (projected as part of National projections)

Yoo = Total National earnings (projected as part of National projections)

Lir = Location quotient for the same industry in the economic area (projected as result of cross section and temporal analysis)

$$Yor = \sum_{i=1}^{c} \left[1 - \frac{Yio}{Yoo} \cdot Lir \right]^{-1} \cdot Eor$$

i = 1,2...c represent residentiary industries.

Eor = sum of regional basic earnings. (projected by basic industry methodology) region and the equations were solved simultaneously to get the earnings for each industry and total area earnings for each projected time point.

The minor differences between the sum of the economic area earnings and employment for the residentiary industries projected by the above method and the previously derived national totals were allocated proportionally to the economic areas.

Certain industries are classed as residentiary in some areas and basic in others. For example, in one area hotels may serve only the business community and local residents while in an area such as Las Vegas, they may provide recreation to visitors and so form a basic industry in the area. Similarly, in one area printing and publishing may involve only local newspaper publishing and local business printing while in another area it may serve a national market through book publishing. In each area such industries were identified and projected in accordance with their local character.

In the preceding discussions, frequent reference has been made to projections of employment. These projections are not included in this report because they were considered unnecessary for air pollution measurement and projection.

Population Projections

Projected regional population was derived from the projections of income and employment. It was assumed that the critical element in a population projection is regional migration and that the major motivating factor in migration is economic opportunity or lack there-of. In other words, workers will migrate to job opportunities and away from economically stagnating areas. This yields two corollary assumptions: (1) Per worker earnings and per capita income will converge toward the national average, and (2) the population/employment ratio will converge toward the national ratio.

Air Quality Control Region Projections

With three exceptions the 55 Air Quality Control Regions are the central SMSA's of OBE economic areas. These exceptions - Providence (21), Steubenville (31) and Lawrence-Lowell-Manchester (46) - are secondary, but large, SMSAs in their respective economic areas. The fact that these areas are economic centers means that most of the economic activity of the area is concentrated in them. The procedure for projecting the activities for the AQCR consists of breaking those areas out of the total economic area of which they are a part. This was accomplished by expressing each variable in question in the AQCR as a share of the corresponding economic area value over the historical period. The percent share trends which were generally quite stable were extended into the future.

The projected shares were applied to the projected values for the economic area. Total projected earnings are the sum of the projected industry earnings.

Population was projected as a percent of the economic area. Earnings data are on a place-of-work basis and population data are on a place-of-residence basis. Because in some areas a portion of the population may live outside the AQCR boundary, the population/earnings ratio may vary considerably from area to area.

The basic assumption emboided in the regional projections is that trends will continue into the future until altered by external forces. The extension of trends does not necessarily mean continuation of a constant rate of change. Rates of change may themselves undergo change. Such changes are most often found where a city is spreading beyond the boundary of the SMSA and a larger portion of the population and economic activity can be expected to be outside the SMSA in the future.